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STANDARD METROPOLITAN STATISTICAL AREA

# 1980 Census of Housing

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# 1980

## Census of Housing

VOLUME 2

# Metropolitan Housing Characteristics

**BISMARCK, N.DAK.**

HC80-2-94

Issued October 1983



U.S. Department of Commerce  
Malcolm Baldrige, Secretary  
Robert G. Dederick,  
Under Secretary for  
Economic Affairs

BUREAU OF THE CENSUS  
C. L. Kincannon, Acting Director

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**C. L. Kincannon, Acting Director**

**HOUSING DIVISION**  
**Arthur F. Young, Chief**

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1	U.S. Summary	41	Rhode Island	77	Atlanta, Ga.	114	Charleston-North Charleston, S.C.
2	Alabama	42	South Carolina	78	Atlantic City, N.J.	115	Charleston, W. Va.
3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.		
4	Arizona	44	Tennessee	80	Austin, Tex.	116	Charlotte-Gastonia, N.C.
5	Arkansas	45	Texas			117	Charlottesville, Va.
6	California	46	Utah	81	Bakersfield, Calif.	118	Chattanooga, Tenn.-Ga.
7	Colorado	47	Vermont	82	Baltimore, Md.	119	Chicago, Ill.
8	Connecticut	48	Virginia	83	Bangor, Maine		
9	Delaware	49	Washington	84	Baton Rouge, La.	120	Chico, Calif.
10	Not assigned	50	West Virginia	85	Battle Creek, Mich.	121	Cincinnati, Ohio-Ky.-Ind.
11	Florida	51	Wisconsin	86	Bay City, Mich.	122	Clarksville-Hopkinsville, Tenn.-Ky.
12	Georgia	52	Wyoming	87	Beaumont-Port Arthur-Orange, Tex.	123	Cleveland, Ohio
13	Hawaii	53	Puerto Rico	88	Bellingham, Wash.	124	Colorado Springs, Colo.
14	Idaho	54	Not assigned	89	Benton Harbor, Mich.	125	Columbia, Mo.
15	Illinois	55	Not assigned	90	Billings, Mont.		
16	Indiana	56	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
17	Iowa	57	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
18	Kansas	58	Abilene, Tex.	93	Birmingham, Ala.	128	Columbus, Ohio
19	Kentucky	59	Akron, Ohio	94	Bismarck, N. Dak.	129	Corpus Christi, Tex.
20	Louisiana	60	Albany, Ga.	95	Bloomington, Ind.	130	Cumberland, Md.-W. Va.
21	Maine			96	Bloomington-Normal, Ill.	131	Dallas-Fort Worth, Tex.
22	Maryland	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	132	Danbury, Conn.
23	Massachusetts	62	Albuquerque, N. Mex.	98	Boston, Mass.	133	Danville, Va.
24	Michigan	63	Alexandria, La.	99	Bradenton, Fla.	134	Davenport-Rock Island-Moline, Iowa-Ill.
25	Minnesota	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	135	Dayton, Ohio
26	Mississippi	65	Altoona, Pa.	101	Bridgeport, Conn.		
27	Missouri			102	Bristol, Conn.	136	Daytona Beach, Fla.
28	Montana	66	Amarillo, Tex.	103	Brockton, Mass.	137	Decatur, Ill.
29	Nebraska	67	Anaheim-Santa Ana-Garden Grove, Calif.	104	Brownsville-Harlingen-San Benito, Tex.	138	Denver-Boulder, Colo.
30	Nevada	68	Anchorage, Alaska	105	Bryan-College Station, Tex.	139	Des Moines, Iowa
31	New Hampshire	69	Anderson, Ind.			140	Detroit, Mich.
32	New Jersey	70	Anderson, S.C.	106	Buffalo, N.Y.	141	Dubuque, Iowa
33	New Mexico			107	Burlington, N.C.	142	Duluth-Superior, Minn. Wis.
34	New York	71	Ann Arbor, Mich.	108	Burlington, Vt.	143	Eau Claire, Wis.
35	North Carolina	72	Anniston, Ala.	109	Caguas, P.R.	144	El Paso, Tex.
36	North Dakota	73	Appleton-Oshkosh, Wis.	110	Canton, Ohio	145	Elkhart, Ind.
37	Ohio	74	Arecibo, P.R.				
38	Oklahoma	75	Asheville, N.C.	111	Casper, Wyo.	146	Elmira, N.Y.
39	Oregon			112	Cedar Rapids, Iowa	147	Enid, Okla.
40	Pennsylvania	76	Athens, Ga.	113	Champaign-Urbana-Rantoul, Ill.		

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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	232	Madison, Wis.	269	Odesa, Tex.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	234	Mansfield, Ohio		
		195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
156	Flint, Mich.	196	Johnstown, Pa.	236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
157	Florence, Ala.	197	Joplin, Mo.	237	Medford, Oreg.	273	Orlando, Fla.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.	238	Melbourne-Titusville- Cocoa, Fla.	274	Owensboro, Ky.
159	Fort Collins, Colo.	199	Kankakee, Ill.			275	Oxnard-Simi Valley- Ventura, Calif.
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.				
		201	Kenosha, Wis.	239	Memphis, Tenn.-Ark.— Miss.	276	Panama City, Fla.
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
162	Fort Smith, Ark.-Okla.	203	Knoxville, Tenn.			278	Pascagoula-Moss Point, Miss.
163	Fort Walton Beach, Fla.	204	Kokomo, Ind.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
164	Fort Wayne, Ind.	205	La Crosse, Wis.	242	Midland, Tex.	280	Pensacola, Fla.
165	Fresno, Calif.			243	Milwaukee, Wis.		
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166	Gadsden, Ala.	207	Lafayette-West Lafayette, Ind.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
167	Gainesville, Fla.	208	Lake Charles, La.			283	Philadelphia, Pa.-N.J.
168	Galveston-Texas City, Tex.	209	Lakeland-Winter Haven, Fla.	246	Modesto, Calif.	284	Phoenix, Ariz.
169	Gary-Hammond-East Chicago, Ind.	210	Lancaster, Pa.	247	Monroe, La.	285	Pine Bluff, Ark.
170	Glens Falls, N.Y.			248	Montgomery, Ala.		
		211	Lansing-East Lansing, Mich.	249	Muncie, Ind.	286	Pittsburgh, Pa.
171	Grand Forks, N.Dak.- Minn.	212	Laredo, Tex.	250	Muskegon-Norton Shores- Muskegon Heights, Mich.	287	Pittsfield, Mass.
172	Grand Rapids, Mich.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	288	Ponce, P.R.
173	Great Falls, Mont.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	289	Portland, Maine
174	Greeley, Colo.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.	290	Portland, Oreg.-Wash.
175	Green Bay, Wis.			254	New Bedford, Mass.		
		216	Lawrence-Haverhill, Mass.-N.H.	255	New Britain, Conn.	291	Portsmouth-Dover- Rochester, N.H.-Maine
176	Greensboro-Winston-Salem- High Point, N.C.	217	Lawton, Okla.			292	Poughkeepsie, N.Y.
177	Greenville-Spartanburg, S.C.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	293	Providence-Warwick- Pawtucket, R.I.-Mass.
178	Hagerstown, Md.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	294	Provo-Orem, Utah
179	Hamilton-Middletown, Ohio	220	Lima, Ohio			295	Pueblo, Colo.
180	Harrisburg, Pa.			258	New London-Norwich, Conn.-R.I.	296	Racine, Wis.
		221	Lincoln, Nebr.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
181	Hartford, Conn.	222	Little Rock-North Little Rock, Ark.	260	New York, N.Y.-N.J.	298	Reading, Pa.
182	Hickory, N.C.	223	Long Branch-Asbury Park, N.J.			299	Redding, Calif.
183	Honolulu, Hawaii			261	Newark, N.J.	300	Reno, Nev.
184	Houston, Tex.	224	Longview-Marshall, Tex.	262	Newark, Ohio		
185	Huntington-Ashland, W. Va.-Ky.-Ohio	225	Lorain-Elyria, Ohio	263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick- Pasco, Wash.
		226	Los Angeles-Long Beach, Calif.	264	Newport News-Hampton, Va.	302	Richmond, Va.
186	Huntsville, Ala.					303	Riverside-San Bernardino- Ontario, Calif.



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304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.					365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.	366	Waterbury, Conn.
309	Sacramento, Calif.	327	Sarasota, Fla.	347	Tacoma, Wash.	367	Waterloo-Cedar Falls, Iowa
310	Saginaw, Mich.	328	Savannah, Ga.	348	Tallahassee, Fla.	368	Wausau, Wis.
		329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	369	West Palm Beach-Boca Raton, Fla.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	370	Wheeling, W. Va.-Ohio
312	St. Joseph, Mo.						
313	St. Louis, Mo.-Ill.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.	371	Wichita, Kans.
314	Salem, Oreg.	332	Sherran-Denison, Tex.	352	Toledo, Ohio-Mich.	372	Wichita Falls, Tex.
315	Salinas-Seaside-Monterey, Calif.	333	Shreveport, La.	353	Topeka, Kans.	373	Williamsport, Pa.
		334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	374	Wilmington, Del.-N.J.-Md.
		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.	375	Wilmington, N.C.
316	Salisbury-Concord, N.C.						
317	Salt Lake City-Ogden, Utah	336	South Bend, Ind.	356	Tulsa, Okla.	376	Worcester, Mass.
318	San Angelo, Tex.	337	Spokane, Wash.	357	Tuscaloosa, Ala.	377	Yakima, Wash.
319	San Antonio, Tex.	338	Springfield, Ill.	358	Tyler, Tex.	378	York, Pa.
320	San Diego, Calif.	339	Springfield, Mo.	359	Utica-Rome, N.Y.	379	Youngstown-Warren, Ohio
		340	Springfield, Ohio	360	Vallejo-Fairfield-Napa, Calif.	380	Yuba City, Calif.
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322	San Jose, Calif.	342	Stamford, Conn.	361	Victoria, Tex.		



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## Introduction

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### GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

### CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

### DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

### SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “. . .” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

### SUPPRESSION OF DATA FOR CONFIDENTIALITY

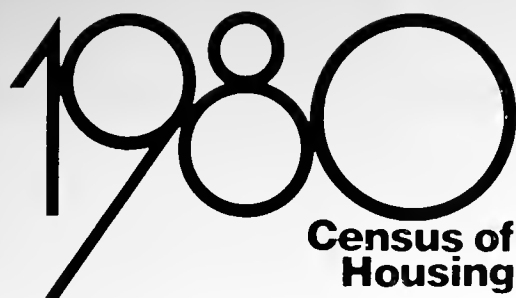
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



# Metropolitan Housing Characteristics

## BISMARCK, N.DAK.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-94

### Contents

#### Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

	Page
Index of Tables—shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear . . . . .	IX
List of Tables—shows the table numbers and titles for each of the 68 tables . . . . .	X
Table Finding Guide—shows the tables in which the various subject cross-classifications presented in the report appear . . . . .	XII
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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13 Total	Tables 14-24 White	Tables 25-35 Black	Tables 36-46 American Indian, Eskimo, and Aleut	Tables 47-57 Asian and Pacific Islander	Tables 58-68 Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
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Bismarck . . . . .	B	13 to 24	—	—	—	—	—

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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# Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
<b>OCCUPANCY CHARACTERISTICS</b>						
Condominium . . . . .	—	—	—	—	—	—
Year moved into unit. . . . .	1	2	3	4	5	6
<b>UTILIZATION CHARACTERISTICS</b>						
Rooms . . . . .	1	2	—	—	5	6
Persons in unit. . . . .	—	—	—	—	5	6
Bedrooms . . . . .	1	2	—	—	—	—
Median rooms . . . . .	1	2	3	4	5	6
<b>STRUCTURAL CHARACTERISTICS</b>						
Units in structure . . . . .	—	2	—	—	—	—
Year structure built. . . . .	1	2	—	—	5	6
Stories in structure . . . . .	—	2	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>						
Plumbing facilities . . . . .	1	2	3	4	—	—
<b>EQUIPMENT AND FUELS</b>						
Heating equipment . . . . .	1	2	3	4	5	6
Air conditioning. . . . .	1	2	3	4	5	6
Vehicles available . . . . .	—	—	3	4	—	—
House heating fuel . . . . .	—	—	3	4	5	6
Water heating fuel. . . . .	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>						
Value . . . . .	—	—	—	—	5	6
Price asked. . . . .	—	—	—	—	—	—
Mortgage status and selected monthly owner costs . . . . .	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income. . . . .	—	—	—	—	5	6
Contract rent . . . . .	—	—	—	4	—	—
Gross rent . . . . .	—	—	—	4	—	—
Rent asked. . . . .	—	—	—	—	—	—
Gross rent as percentage of household income. . . . .	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income. . . . .	1	—	3	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>						
Household type by age of householder . . . . .	1	2	3	4	5	6
Income . . . . .	1	—	—	—	—	—
Income below poverty level . . . . .	1	2	—	—	—	—
The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.						
White . . . . .	14	15	16	17	18	19
Black . . . . .	25	26	27	28	29	30
American Indian, Eskimo, and Aleut . . . . .	36	37	38	39	40	41
Asian and Pacific Islander . . . . .	47	48	49	50	51	52
Spanish origin . . . . .	58	59	60	61	62	63



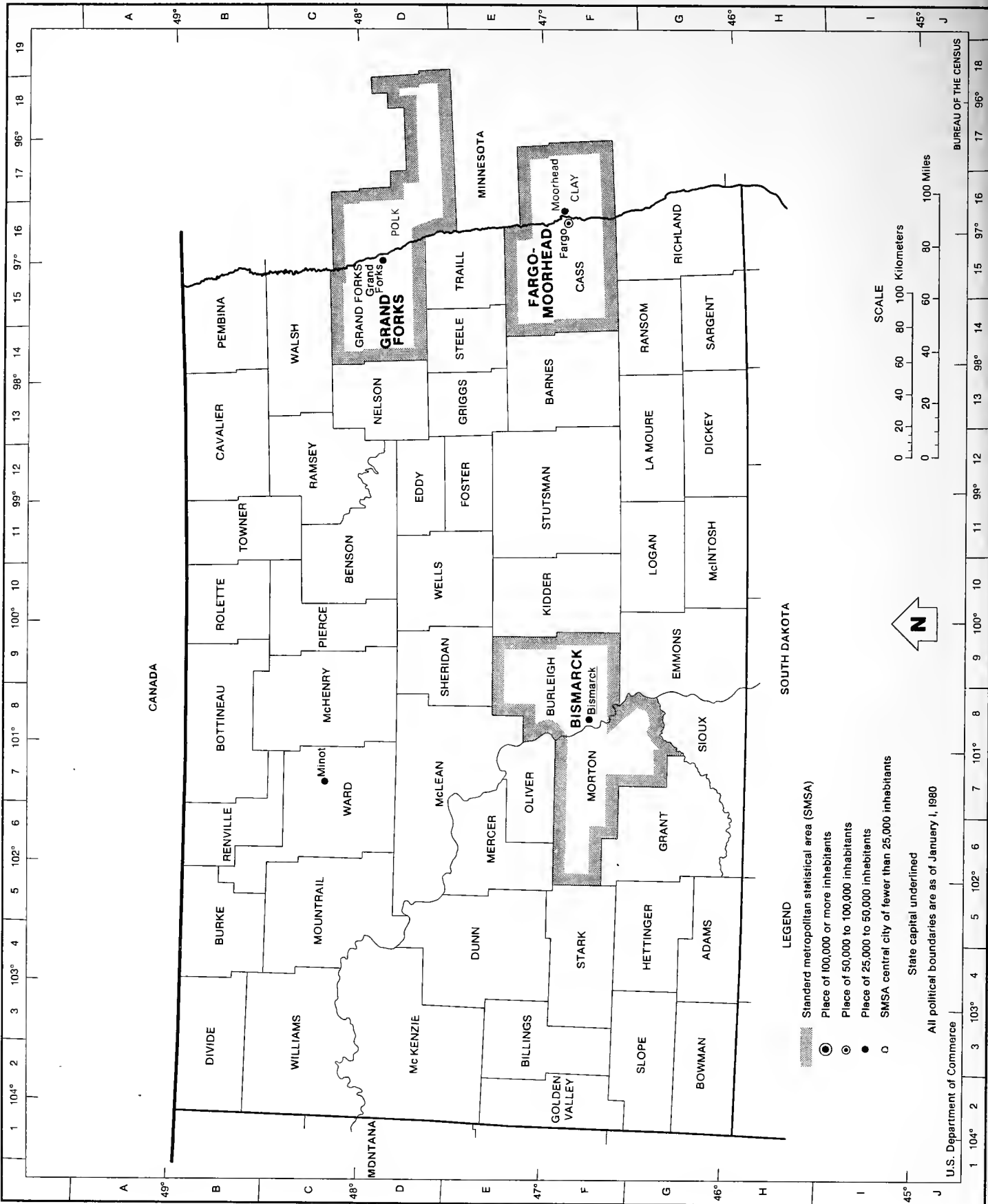
**Table Finding Guide—Cross-Classification of Subjects by Table Number**

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
<b>OCCUPANCY CHARACTERISTICS</b>							
Condominium . . . . .	—	8	—	—	—	—	—
Year moved into unit. . . . .	7	8	—	—	—	—	—
<b>UTILIZATION CHARACTERISTICS</b>							
Rooms . . . . .	7	8	9	—	—	12	—
Persons in unit. . . . .	7	—	—	10	—	—	—
Bedrooms . . . . .	—	8	—	—	—	12	13
Median rooms . . . . .	7	8	9	—	—	12	—
<b>STRUCTURAL CHARACTERISTICS</b>							
Units in structure . . . . .	7	—	9	—	11	12	13
Year structure built. . . . .	—	—	—	—	—	12	13
Stories in structure . . . . .	—	—	—	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>							
Plumbing facilities . . . . .	7	8	9	10	11	12	13
<b>EQUIPMENT AND FUELS</b>							
Heating equipment . . . . .	7	8	—	—	—	12	—
Air conditioning. . . . .	7	8	—	—	—	—	—
Vehicles available . . . . .	—	8	—	—	—	—	—
House heating fuel . . . . .	7	8	—	—	—	—	—
Water heating fuel. . . . .	—	8	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>							
Value . . . . .	—	—	9	—	—	—	—
Price asked. . . . .	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs . . . . .	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income. . . . .	—	—	9	—	11	—	—
Contract rent . . . . .	—	—	—	—	—	—	—
Gross rent . . . . .	—	—	9	—	11	—	—
Rent asked. . . . .	—	—	—	—	—	12	—
Gross rent as percentage of household income . . . . .	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	—	—	—	10	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>							
Household type by age of householder . . . . .	7	8	—	—	—	—	—
Income . . . . .	7	8	9	—	11	—	—
Income below poverty level . . . . .	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the introduction on page VII.

White . . . . .	20	21	22	23	24	—	—
Black . . . . .	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut . . . . .	42	43	44	45	46	—	—
Asian and Pacific Islander . . . . .	53	54	55	56	57	—	—
Spanish origin . . . . .	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places



CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.



Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
<b>Specified owner-occupied housing units</b>	<b>12 719</b>	<b>312</b>	<b>530</b>	<b>766</b>	<b>1 104</b>	<b>2 302</b>	<b>2 777</b>	<b>3 505</b>	<b>827</b>	<b>490</b>	<b>106</b>	<b>54 300</b>	<b>56 400</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
<b>Married-couple families</b>	<b>10 548</b>	<b>125</b>	<b>283</b>	<b>493</b>	<b>880</b>	<b>1 945</b>	<b>2 382</b>	<b>3 099</b>	<b>775</b>	<b>464</b>	<b>102</b>	<b>56 100</b>	<b>59 100</b>
15 to 24 years	237	—	4	8	46	55	72	45	7	—	—	51 700	50 800
25 to 34 years	2 848	18	30	59	130	576	733	937	224	131	10	58 000	61 100
35 to 44 years	2 528	14	36	52	138	354	569	1 001	212	109	43	61 700	65 000
45 to 64 years	3 701	39	75	182	326	696	846	982	291	215	49	55 600	60 400
65 years and over	1 234	54	138	192	240	264	162	134	41	9	—	39 700	40 300
<b>Male householder, no wife present</b>	<b>725</b>	<b>82</b>	<b>69</b>	<b>76</b>	<b>70</b>	<b>108</b>	<b>136</b>	<b>151</b>	<b>27</b>	<b>6</b>	<b>—</b>	<b>45 800</b>	<b>43 800</b>
15 to 24 years	44	1	4	8	17	8	—	—	—	—	—	32 600	37 600
25 to 34 years	196	31	1	20	8	36	40	46	9	5	—	50 800	48 200
35 to 44 years	96	3	—	8	4	16	19	40	5	1	—	59 400	56 400
45 to 64 years	159	20	15	18	3	24	19	53	7	—	—	49 900	46 500
65 years and over	230	27	49	22	38	24	58	12	—	—	—	33 000	33 400
<b>Female householder, no husband present</b>	<b>1 446</b>	<b>105</b>	<b>178</b>	<b>197</b>	<b>154</b>	<b>249</b>	<b>259</b>	<b>255</b>	<b>25</b>	<b>20</b>	<b>4</b>	<b>43 600</b>	<b>42 800</b>
15 to 24 years	14	—	—	7	—	7	—	—	—	—	—	36 300	36 900
25 to 34 years	95	18	6	7	—	15	30	8	7	—	—	47 900	41 600
35 to 44 years	219	8	—	17	6	54	55	64	—	15	—	53 700	55 700
45 to 64 years	387	12	46	52	39	61	80	79	18	—	—	46 300	45 400
65 years and over	731	67	126	114	105	112	94	104	—	5	4	36 200	37 900
<b>Median age</b>	<b>45.3</b>	<b>63.5</b>	<b>67.7</b>	<b>60.3</b>	<b>56.9</b>	<b>45.7</b>	<b>43.1</b>	<b>40.7</b>	<b>42.0</b>	<b>43.0</b>	<b>45.0</b>	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	1 884	14	31	56	74	331	428	597	209	127	17	60 200	63 900
1975 to 1978	4 004	46	72	86	202	606	918	1 479	358	199	38	60 800	63 500
1970 to 1974	2 280	59	112	132	181	472	470	603	140	97	14	53 500	55 900
1960 to 1969	2 546	75	106	177	257	482	641	645	87	48	28	52 400	52 900
1959 or earlier	2 005	118	209	315	390	411	320	181	33	19	9	39 400	40 200
<b>ROOMS</b>													
1 to 3 rooms	210	69	25	62	14	15	10	11	4	—	—	23 100	25 500
4 rooms	1 343	95	131	174	288	310	198	132	13	2	—	39 500	38 600
5 rooms	2 753	85	147	202	273	718	694	586	16	27	5	49 300	48 200
6 rooms	2 321	45	99	146	237	422	587	607	143	25	10	53 000	53 600
7 rooms	2 146	71	81	93	156	409	577	602	139	69	9	54 800	57 100
8 or more rooms	3 946	7	47	89	136	428	711	1 567	512	367	82	66 200	71 100
<b>Median</b>	<b>6.4</b>	<b>4.4</b>	<b>5.2</b>	<b>5.2</b>	<b>5.4</b>	<b>5.8</b>	<b>6.3</b>	<b>7.2</b>	<b>8.0</b>	<b>8.5+</b>	<b>8.5+</b>	...	...
<b>BEDROOMS</b>													
None	7	—	—	3	—	—	—	—	4	—	—	81 300	59 800
1	247	66	33	63	40	15	13	—	—	—	—	22 900	26 400
2	2 604	142	226	324	443	654	300	47	33	—	—	42 600	42 100
3	5 876	80	189	257	407	1 210	1 425	300	382	135	39	54 800	57 000
4	3 170	22	62	99	177	362	734	1 133	315	234	32	61 700	65 000
5 or more	815	2	20	20	37	61	170	303	79	88	35	64 400	73 300
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980	2 835	5	1	16	70	224	533	1 272	407	264	43	67 900	73 200
1970 to 1974	1 719	18	19	52	57	312	421	572	152	102	14	59 400	63 000
1960 to 1969	2 571	26	15	42	111	429	690	984	181	65	28	59 600	61 700
1950 to 1959	2 596	10	34	111	282	790	795	451	64	42	17	50 800	52 900
1940 to 1949	623	26	61	74	121	200	81	54	6	—	—	41 600	39 700
1939 or earlier	2 375	227	400	471	463	347	257	172	17	17	4	31 800	34 100
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	687	104	151	81	100	81	76	84	6	—	4	31 100	34 000
\$5,000 to \$9,999	1 175	77	150	208	206	244	157	105	17	6	5	37 400	38 400
\$10,000 to \$12,499	722	29	85	92	113	161	131	89	15	7	—	43 800	41 600
\$12,500 to \$14,999	627	17	27	89	60	189	145	73	15	12	—	46 900	46 200
\$15,000 to \$19,999	1 628	50	62	100	203	371	356	409	34	30	13	50 600	51 900
\$20,000 to \$24,999	2 070	19	37	75	183	494	534	605	93	25	5	54 000	54 900
\$25,000 to \$34,999	3 250	6	12	77	149	501	896	1 181	326	89	13	59 800	62 400
\$35,000 to \$49,999	1 654	3	6	21	59	212	405	666	154	110	18	63 800	67 200
\$50,000 or more	906	7	—	23	31	49	77	293	167	211	48	77 100	85 800
<b>Median</b>	<b>\$23 428</b>	<b>\$7 453</b>	<b>\$8 732</b>	<b>\$12 556</b>	<b>\$16 560</b>	<b>\$20 818</b>	<b>\$24 897</b>	<b>\$27 888</b>	<b>\$31 841</b>	<b>\$43 493</b>	<b>\$38 372</b>	...	...
<b>Mean</b>	<b>\$25 964</b>	<b>\$10 833</b>	<b>\$10 232</b>	<b>\$15 636</b>	<b>\$18 054</b>	<b>\$21 739</b>	<b>\$25 048</b>	<b>\$30 460</b>	<b>\$37 089</b>	<b>\$55 431</b>	<b>\$50 275</b>	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
<b>With a mortgage</b>	<b>8 800</b>	<b>15</b>	<b>125</b>	<b>274</b>	<b>484</b>	<b>1 596</b>	<b>2 130</b>	<b>2 982</b>	<b>686</b>	<b>423</b>	<b>85</b>	<b>58 900</b>	<b>62 400</b>
Less than 15 percent	2 257	6	34	116	145	376	555	739	118	151	17	57 900	61 400
15 to 19 percent	1 751	6	21	44	127	372	406	604	98	59	14	57 300	59 900
20 to 24 percent	1 700	1	20	47	89	329	435	458	209	94	18	58 200	63 800
25 to 29 percent	1 199	—	28	32	41	219	277	466	96	38	2	60 100	60 800
30 to 34 percent	718	—	11	4	33	90	212	282	64	11	11	60 400	64 400
35 percent or more	1 159	2	11	31	49	206	241	431	95	70	23	61 900	66 200
Not computed	16	—	—	—	—	4	4	2	6	—	—	65 000	65 300
<b>Median</b>	<b>21.1</b>	<b>16.3</b>	<b>21.9</b>	<b>17.4</b>	<b>18.8</b>	<b>20.7</b>	<b>21.2</b>	<b>21.6</b>	<b>23.0</b>	<b>20.1</b>	<b>23.2</b>	...	...
<b>Not mortgaged</b>	<b>3 919</b>	<b>297</b>	<b>405</b>	<b>492</b>	<b>620</b>	<b>706</b>	<b>647</b>	<b>523</b>	<b>141</b>	<b>67</b>	<b>21</b>	<b>42 300</b>	<b>43 000</b>
Less than 10 percent	1 699	127	66	142	249	342	345	264	113	39	12	48 000	48 900
10 to 14 percent	763	50	75	128	124	122	109	127	10	13	5	40 300	42 000
15 to 19 percent	522	17	106	86	76	66	95	56	13	7	—	36 400	38 700
20 to 24 percent	287	26	51	51	61	56	34	6	—	2	—	32 900	32 400
25 to 29 percent	206	17	35	43	26	38	32	4	5	6	—	32 500	35 600
30 to 34 percent	113	5	15	9	25	33	12	14	—	—	—	40 700	39 500
35 percent or more	313	53	57	33	53	41	20	52	—	—	4	35 800	36 500
Not computed	16	2	—	—	6	8	—	—	—	—	—	42 500	38 800
<b>Median</b>	<b>11.7</b>	<b>12.0</b>	<b>17.9</b>	<b>14.1</b>	<b>12.3</b>	<b>10.3</b>	<b>10—</b>	<b>10—</b>	<b>10—</b>	<b>10—</b>	<b>10—</b>	...	...
<b>SELECTED CHARACTERISTICS</b>													
<b>Complete plumbing for exclusive use</b>	<b>12 691</b>	<b>290</b>	<b>528</b>	<b>764</b>	<b>1 104</b>	<b>2 302</b>	<b>2 777</b>	<b>3 503</b>	<b>827</b>	<b>490</b>	<b>106</b>	<b>54 400</b>	<b>56 500</b>
1.01 or more persons per room	256	3	8	25	12	71	63	68	4	2	—	51 000	51 100
<b>Lacking complete plumbing for exclusive use</b>	<b>28</b>	<b>22</b>	<b>2</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>10000—</b>	<b>13 800</b>
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Heating equipment</b>	<b>12 709</b>	<b>310</b>	<b>530</b>	<b>766</b>	<b>1 104</b>	<b>2 302</b>	<b>2 769</b>	<b>3 505</b>	<b>827</b>	<b>490</b>	<b>106</b>	<b>54 300</b>	<b>56 400</b>
Central heating system	12 215	208	466	715	1 088	2 160	2 701	3 476	810	490	101	54 900	57 200
<b>Air conditioning</b>	<b>6 898</b>	<b>53</b>	<b>178</b>	<b>287</b>	<b>537</b>	<b>1 145</b>	<b>1 527</b>	<b>2 096</b>	<b>614</b>	<b>366</b>	<b>95</b>	<b>57 800</b>	<b>61 800</b>
Central system	3 773	25	14	48	127	303	813	1 506	519	325	93	66 000	72 300
<b>Income in 1979 below poverty level</b>	<b>552</b>	<b>94</b>	<b>86</b>	<b>54</b>	<b>87</b>	<b>84</b>	<b>64</b>	<b>71</b>	<b>12</b>	<b>—</b>	<b>—</b>	<b>35 600</b>	<b>35 100</b>
Percent below poverty level	4.3	30.1	16.2	7.0	7.9	3.6	2.3	2.0	1.5	—	—	...	...

Table A—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
<b>Specified renter-occupied housing units.....</b>	<b>8 222</b>	<b>704</b>	<b>791</b>	<b>1 378</b>	<b>1 642</b>	<b>1 998</b>	<b>774</b>	<b>274</b>	<b>220</b>	<b>124</b>	<b>317</b>	<b>234</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
<b>Married-couple families.....</b>	<b>2 610</b>	<b>70</b>	<b>114</b>	<b>302</b>	<b>429</b>	<b>690</b>	<b>397</b>	<b>151</b>	<b>142</b>	<b>92</b>	<b>223</b>	<b>270</b>
15 to 24 years.....	528	5	9	58	145	203	77	6	5	—	20	261
25 to 34 years.....	981	13	46	112	125	273	190	88	63	32	39	284
35 to 44 years.....	317	—	21	30	21	49	56	32	36	48	24	323
45 to 64 years.....	444	23	15	39	60	117	51	8	13	12	106	262
65 years and over.....	340	29	23	63	78	48	23	17	25	—	34	222
<b>Male householder, no wife present.....</b>	<b>2 067</b>	<b>172</b>	<b>245</b>	<b>347</b>	<b>444</b>	<b>546</b>	<b>178</b>	<b>48</b>	<b>28</b>	<b>14</b>	<b>45</b>	<b>231</b>
15 to 24 years.....	856	43	109	158	189	256	50	33	18	—	—	235
25 to 34 years.....	633	16	81	125	118	158	98	15	8	5	9	241
35 to 44 years.....	211	13	15	11	50	74	25	—	2	4	17	253
45 to 64 years.....	205	23	16	37	59	52	5	—	—	1	12	214
65 years and over.....	162	77	24	16	28	6	—	—	—	4	7	123
<b>Female householder, no husband present.....</b>	<b>3 545</b>	<b>462</b>	<b>432</b>	<b>729</b>	<b>769</b>	<b>762</b>	<b>199</b>	<b>75</b>	<b>50</b>	<b>18</b>	<b>49</b>	<b>208</b>
15 to 24 years.....	1 005	34	112	237	240	276	52	21	27	—	6	224
25 to 34 years.....	823	22	58	147	215	228	93	44	16	—	—	243
35 to 44 years.....	278	9	41	25	88	67	16	10	7	11	4	239
45 to 64 years.....	434	49	64	78	94	106	30	—	—	7	6	208
65 years and over.....	1 005	348	157	242	132	85	8	—	—	—	33	147
<b>Median age.....</b>	<b>30.6</b>	<b>69.5</b>	<b>33.5</b>	<b>30.5</b>	<b>28.9</b>	<b>27.8</b>	<b>28.9</b>	<b>30.6</b>	<b>29.4</b>	<b>39.8</b>	<b>51.4</b>	<b>...</b>
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	4 369	200	375	654	915	1 187	492	191	161	92	102	250
1975 to 1978.....	2 425	193	228	398	497	621	249	69	43	31	96	234
1970 to 1974.....	804	232	89	146	130	134	28	8	14	—	23	166
1960 to 1969.....	389	64	66	96	67	34	—	—	2	—	60	167
1959 or earlier.....	235	15	33	84	33	22	5	6	—	1	36	184
<b>ROOMS</b>												
1 room.....	156	46	61	18	18	8	—	—	3	—	2	134
2 rooms.....	579	188	117	122	120	30	—	—	—	—	2	144
3 rooms.....	2 090	328	320	591	439	359	25	—	—	—	28	181
4 rooms.....	3 304	114	196	419	713	1 300	383	82	22	9	66	256
5 rooms.....	1 144	28	73	114	215	219	230	105	69	33	58	275
6 rooms.....	544	—	20	84	126	71	74	42	42	27	58	264
7 or more rooms.....	405	—	4	30	11	11	62	45	84	55	103	387
<b>Median.....</b>	<b>3.9</b>	<b>2.9</b>	<b>3.2</b>	<b>3.4</b>	<b>3.8</b>	<b>4.0</b>	<b>4.4</b>	<b>5.0</b>	<b>5.9</b>	<b>6.2</b>	<b>5.5</b>	<b>...</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
<b>All income levels in 1979.....</b>	<b>8 222</b>	<b>704</b>	<b>791</b>	<b>1 378</b>	<b>1 642</b>	<b>1 998</b>	<b>774</b>	<b>274</b>	<b>220</b>	<b>124</b>	<b>317</b>	<b>234</b>
<b>Complete plumbing for exclusive use.....</b>	<b>8 103</b>	<b>650</b>	<b>760</b>	<b>1 376</b>	<b>1 636</b>	<b>1 982</b>	<b>767</b>	<b>274</b>	<b>220</b>	<b>124</b>	<b>314</b>	<b>235</b>
0.50 or less.....	5 790	535	557	1 063	1 275	1 364	461	147	118	53	217	225
0.51 to 1.00.....	2 135	99	171	305	326	589	267	120	99	71	88	260
1.01 to 1.50.....	169	16	32	8	29	35	7	—	—	—	9	243
1.51 or more.....	9	—	—	—	2	—	—	—	—	—	—	331
<b>Lacking complete plumbing for exclusive use.....</b>	<b>119</b>	<b>54</b>	<b>31</b>	<b>2</b>	<b>6</b>	<b>16</b>	<b>4</b>	<b>—</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>106</b>
0.50 or less.....	71	28	25	—	6	11	—	—	—	—	—	115
0.51 to 1.00.....	48	26	6	2	—	5	7	—	—	—	2	87
1.01 to 1.50.....	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Income in 1979 below poverty level.....</b>	<b>1 458</b>	<b>376</b>	<b>196</b>	<b>250</b>	<b>249</b>	<b>205</b>	<b>60</b>	<b>30</b>	<b>22</b>	<b>7</b>	<b>63</b>	<b>173</b>
<b>Complete plumbing for exclusive use.....</b>	<b>1 436</b>	<b>369</b>	<b>184</b>	<b>250</b>	<b>249</b>	<b>205</b>	<b>60</b>	<b>30</b>	<b>22</b>	<b>7</b>	<b>60</b>	<b>174</b>
1.01 or more persons per room.....	53	8	2	—	16	9	18	—	—	—	—	276
<b>Lacking complete plumbing for exclusive use.....</b>	<b>22</b>	<b>7</b>	<b>12</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>3</b>	<b>124</b>
1.01 or more persons per room.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None.....	259	60	87	74	25	8	—	—	3	—	2	141
1.....	2 618	477	466	721	588	324	6	—	—	—	36	175
2.....	4 037	160	176	471	907	1 533	541	111	36	5	97	258
3.....	1 048	7	55	102	94	114	199	142	143	94	98	326
4.....	224	—	7	8	28	17	28	21	38	18	59	340
5 or more.....	36	—	—	2	—	2	—	—	—	7	25	500+
<b>UNITS IN STRUCTURE</b>												
1, detached or attached.....	1 035	19	86	138	100	118	129	62	99	89	195	284
2.....	1 544	53	189	427	290	218	145	120	69	10	23	213
3 and 4.....	1 122	110	188	278	286	174	59	13	5	4	5	197
5 to 9.....	1 801	255	119	252	316	642	157	28	—	11	21	242
10 to 49.....	2 190	150	180	212	533	760	240	51	25	10	29	250
50 or more.....	224	102	—	30	38	18	23	—	13	—	—	181
Mobile home or trailer, etc.....	306	15	29	41	79	68	21	—	9	—	44	236
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980.....	2 267	97	65	67	417	916	395	102	66	86	56	274
1970 to 1974.....	1 330	263	65	135	190	440	100	65	42	9	21	250
1960 to 1969.....	1 491	125	55	7	488	362	124	29	46	22	73	239
1950 to 1959.....	982	44	108	226	161	59	39	42	6	51	213	213
1940 to 1949.....	574	36	104	186	103	45	49	15	7	—	29	187
1939 or earlier.....	1 578	139	394	597	198	74	47	24	17	1	87	169
<b>STORIES IN STRUCTURE</b>												
1 to 3.....	8 029	602	770	1 342	1 623	1 992	774	274	215	124	313	236
4 or more.....	193	102	21	36	19	6	—	—	5	—	4	69
With elevator.....	150	102	7	28	8	—	—	—	5	—	—	56
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent.....	1 677	171	229	271	357	396	169	38	30	16	...	228
15 to 19 percent.....	1 549	203	147	182	299	432	182	55	24	25	...	241
20 to 24 percent.....	1 305	201	100	301	175	330	126	73	49	—	...	234
25 to 29 percent.....	874	112	30	170	174	195	86	42	44	21	...	234
30 to 34 percent.....	560	18	55	88	110	181	54	14	19	21	...	252
35 to 49 percent.....	775	23	72	137	198	194	79	22	27	23	...	239
50 percent or more.....	1 119	19	144	229	316	264	78	30	21	18	...	229
Not computed.....	363	7	14	—	13	6	—	—	6	—	317	210
<b>Median.....</b>	<b>22.7</b>	<b>19.4</b>	<b>20.6</b>	<b>23.9</b>	<b>24.5</b>	<b>22.5</b>	<b>21.4</b>	<b>23.0</b>	<b>25.5</b>	<b>30.0</b>	<b>...</b>	<b>...</b>
<b>SELECTED CHARACTERISTICS</b>												
<b>Hearing equipment.....</b>	<b>8 222</b>	<b>704</b>	<b>791</b>	<b>1 378</b>	<b>1 642</b>	<b>1 998</b>	<b>774</b>	<b>274</b>	<b>220</b>	<b>124</b>	<b>317</b>	<b>234</b>
Central heating system.....	7 898	681	714	1 284	1 569	1 984	763	274	220	124	285	237
<b>Air conditioning.....</b>	<b>4 533</b>	<b>217</b>	<b>152</b>	<b>387</b>	<b>1 006</b>	<b>1 633</b>	<b>571</b>	<b>194</b>	<b>141</b>	<b>82</b>	<b>150</b>	<b>261</b>
Central system.....	636	—	11	48	55	134	89	83	97	65	54	324

Table A—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	19 450	1 353	2 214	1 375	1 252	2 798	3 155	4 283	1 941	1 079	21 006	23 328	1 245
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	15 145	529	1 247	828	938	2 184	2 776	3 905	1 777	961	23 059	25 701	678
15 to 24 years	752	22	76	66	93	224	144	101	26	—	16 970	17 955	30
25 to 34 years	4 228	49	104	155	253	799	1 144	1 242	341	141	22 903	24 848	90
35 to 44 years	3 215	78	145	96	141	354	594	1 122	431	254	26 480	28 601	160
45 to 64 years	5 132	178	319	239	244	624	761	1 328	950	489	26 580	29 521	268
65 years and over	1 818	202	603	272	207	183	133	112	29	77	10 956	14 973	130
Male householder, no wife present	1 662	154	232	183	147	331	222	207	108	78	16 389	19 146	123
15 to 24 years	227	4	17	33	18	64	57	31	3	—	17 991	17 867	4
25 to 34 years	515	11	23	63	58	121	70	86	38	45	19 016	23 888	13
35 to 44 years	206	9	12	6	14	74	29	25	32	5	18 696	21 794	11
45 to 64 years	359	36	61	30	44	43	47	60	22	16	15 787	18 698	37
65 years and over	355	94	119	51	13	29	19	5	13	12	8 801	11 999	58
Female householder, no husband present	2 643	670	735	364	167	283	157	171	56	40	9 448	12 363	444
15 to 24 years	104	11	49	25	14	5	—	—	—	—	9 286	9 276	5
25 to 34 years	349	37	88	103	51	46	7	8	5	4	11 201	12 133	42
35 to 44 years	318	27	44	62	34	55	47	27	4	18	14 412	19 256	27
45 to 64 years	733	129	192	72	34	75	76	112	37	6	11 580	15 596	98
65 years and over	1 139	466	362	102	34	102	27	24	10	12	6 140	8 711	272
Median age	44.4	67.6	64.3	49.7	41.3	38.0	36.8	40.2	46.5	47.2	...	...	57.0
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	3 197	67	244	239	204	626	661	722	277	157	21 457	24 298	74
1975 to 1978	6 668	238	492	440	437	1 058	1 270	1 720	640	373	22 257	24 472	277
1970 to 1974	3 158	224	346	201	156	408	453	749	396	230	22 096	25 134	233
1960 to 1969	3 331	264	412	218	215	402	413	765	435	207	21 805	24 072	237
1959 or earlier	3 096	560	720	277	240	309	358	327	193	112	12 419	17 219	424
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	19 323	1 312	2 187	1 360	1 245	2 795	3 147	4 264	1 934	1 079	21 047	23 395	1 213
1.01 or more persons per room	443	19	34	23	20	59	98	95	74	21	22 813	25 126	60
Lacking complete plumbing for exclusive use	127	41	27	15	7	3	8	19	7	—	8 393	13 152	32
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	19 438	1 353	2 204	1 372	1 252	2 798	3 155	4 283	1 941	1 079	21 015	23 337	1 245
Central heating system	18 628	1 219	2 025	1 308	1 187	2 711	3 046	4 168	1 913	1 051	21 221	23 617	1 115
Air conditioning	10 749	529	1 054	681	622	1 579	1 725	2 429	1 320	810	22 381	25 666	449
Central system	5 410	147	303	214	159	805	884	1 386	872	640	26 112	30 771	139
Vehicles available	18 866	1 041	2 016	1 346	1 230	2 779	3 154	4 280	1 941	1 079	21 402	23 868	1 050
1	4 092	502	1 020	540	362	630	427	359	172	80	12 426	15 332	356
2 or more	14 774	539	996	806	868	2 149	2 727	3 921	1 769	999	23 507	26 233	694
House heating fuel	19 438	1 353	2 204	1 373	1 252	2 798	3 155	4 283	1 941	1 079	21 015	23 337	1 245
Utility gas	15 697	870	1 638	1 073	1 003	2 244	2 611	3 643	1 686	929	21 700	24 158	686
Bottled, tank, or LP gas	1 542	271	311	118	97	232	186	204	89	34	14 330	16 658	288
Electricity	1 500	78	132	122	68	213	268	382	151	86	22 154	24 946	116
Fuel oil, kerosene, etc.	276	61	50	23	41	46	29	24	—	2	12 744	12 939	56
Other	423	73	73	37	43	63	61	30	15	28	14 157	18 292	99
Median rooms	5.8	4.9	4.8	5.2	5.2	5.4	5.7	6.7	6.9	7.9	...	...	5.2
Specified owner-occupied housing units	12 719	687	1 175	722	627	1 628	2 070	3 250	1 654	906	23 428	25 964	552
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
With a mortgage	8 800	118	306	347	389	1 210	1 647	2 763	1 369	651	26 087	28 657	182
Less than \$200	273	15	29	22	13	57	59	52	14	12	20 039	21 253	11
\$200 to \$249	643	11	60	67	39	132	105	163	66	—	20 679	21 505	14
\$250 to \$299	909	26	47	80	85	150	136	216	152	17	21 554	23 970	26
\$300 to \$349	960	21	10	20	90	167	197	264	143	48	24 026	26 620	24
\$350 to \$399	858	5	49	34	53	122	164	197	164	70	24 783	27 426	24
\$400 to \$499	1 909	27	41	59	45	251	403	670	272	141	25 849	29 327	48
\$500 to \$599	1 577	5	21	38	159	348	650	650	218	100	26 574	29 488	5
\$600 to \$749	1 186	8	43	22	24	141	151	450	213	134	29 770	32 054	30
\$750 or more	485	—	6	5	2	31	84	101	127	129	30 125	43 663	—
Median	\$441	\$317	\$357	\$311	\$332	\$391	\$438	\$475	\$454	\$538	...	...	\$383
Not mortgaged	3 919	569	869	375	238	418	423	487	285	255	14 039	19 917	370
Less than \$50	45	16	12	10	2	—	3	—	—	2	6 354	10 089	7
\$50 to \$74	308	132	89	12	12	39	11	8	5	—	5 887	8 728	86
\$75 to \$99	434	126	160	51	33	28	19	8	2	7	7 816	9 933	86
\$100 to \$124	755	90	242	97	68	103	86	31	24	14	11 173	13 995	51
\$125 to \$149	862	87	204	100	57	118	134	91	53	18	14 254	16 785	62
\$150 to \$199	1 095	89	140	99	59	101	142	258	144	63	21 730	23 431	53
\$200 to \$249	268	19	12	6	7	21	26	66	39	72	30 763	40 637	19
\$250 or more	152	10	10	—	—	8	2	25	18	79	51 124	59 334	6
Median	\$137	\$103	\$118	\$129	\$127	\$133	\$142	\$170	\$170	\$216	...	...	\$103
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	8 800	118	306	347	389	1 210	1 647	2 763	1 369	651	26 087	28 657	182
Less than 15 percent	2 257	—	—	—	2	76	187	686	773	533	37 314	42 797	—
15 to 19 percent	1 751	2	5	13	34	190	361	702	368	76	28 645	29 914	—
20 to 24 percent	1 700	—	14	43	81	258	361	761	147	35	25 871	26 239	—
25 to 29 percent	1 199	—	45	91	91	176	338	405	46	7	23 001	22 545	—
30 to 34 percent	718	—	10	40	71	183	238	154	22	—	20 838	20 785	3
35 percent or more	1 159	100	232	160	110	327	162	55	13	—	14 489	14 377	163
Not computed	16	16	—	—	—	—	—	—	—	—	2500—	—	16
Median	21.1	50+	50+	33.3	29.3	27.3	23.8	20.0	14.1	10.5	...	...	50+
Not mortgaged	3 919	569	869	375	238	418	423	487	285	255	14 039	19 917	370
Less than 10 percent	1 699	2	33	47	57	240	335	455	280	250	27 185	33 906	—
10 to 14 percent	763	2	165	172	149	153	86	26	5	5	13 213	14 312	2
15 to 19 percent	522	37	295	131	32	19	2	6	—	—	8 974	9 433	7
20 to 24 percent	287	65	197	25	—	—	—	—	—	—	6 905	6 780	29
25 to 29 percent	206	87	113	—	—	6	—	—	—	—	5 482	5 816	40
30 to 34 percent	113	64	49	—	—	—	—	—	—	—	4 682	5 058	30
35 percent or more	313	296	17	—	—	—	—	—	—	—	2 644	2 857	246
Not computed	16	16	—	—	—	—	—	—	—	—	2500—	—	16
Median	11.7	36.9	19.0	14.1	12.1	10—	10—	10—	10—	10—	...	...	46.0

Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	8 499	1 675	2 004	892	744	1 224	913	733	267	47	11 599	13 557	1 533
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	2 822	190	402	282	284	575	531	383	154	21	17 308	17 854	267
15 to 24 years	562	23	69	115	43	149	114	44	5	—	15 957	15 859	31
25 to 34 years	1 046	30	116	87	113	223	218	210	49	—	19 025	19 000	86
35 to 44 years	369	19	10	40	27	84	95	44	48	2	20 268	21 380	38
45 to 64 years	475	50	59	14	63	77	74	75	52	11	17 802	19 702	63
65 years and over	370	68	148	26	38	42	30	10	—	8	8 730	11 756	49
Male householder, no wife present	2 100	279	437	242	240	327	210	253	86	26	13 458	15 462	235
15 to 24 years	859	133	196	145	106	109	90	57	23	—	11 733	12 997	120
25 to 34 years	646	23	139	65	86	124	61	101	34	13	15 352	17 748	23
35 to 44 years	211	15	23	9	21	40	13	61	17	12	19 609	22 371	14
45 to 64 years	216	23	39	21	15	46	38	21	12	1	15 758	17 002	10
65 years and over	168	85	40	2	12	8	8	13	—	—	4 959	8 615	68
Female householder, no husband present	3 577	1 206	1 165	368	220	322	172	97	27	—	7 714	9 048	1 031
15 to 24 years	1 011	301	275	133	90	116	47	40	9	—	8 925	10 034	346
25 to 34 years	823	147	327	131	53	72	58	35	—	—	9 249	10 446	181
35 to 44 years	278	64	114	11	29	36	17	7	—	—	8 607	10 080	48
45 to 64 years	446	110	140	63	33	63	22	15	—	—	9 196	9 984	81
65 years and over	1 019	584	309	30	15	35	28	—	18	—	4 587	6 248	375
Median age	31.0	56.6	32.1	26.3	29.7	29.3	29.5	30.6	38.8	43.2	...	...	33.9
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	4 444	849	991	568	396	630	464	397	131	18	11 681	13 534	889
1975 to 1978	2 498	343	586	242	208	449	320	230	91	20	13 438	14 829	302
1970 to 1974	860	285	229	44	79	76	49	72	18	8	7 835	11 309	207
1960 to 1969	412	140	104	27	28	13	57	31	12	—	8 716	12 004	86
1959 or earlier	285	58	94	11	33	56	14	3	15	1	9 484	11 786	49
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	8 366	1 641	1 961	871	730	1 224	900	725	267	47	11 668	13 612	1 511
0.50 or less	5 939	1 336	1 527	629	522	798	515	409	174	29	10 423	12 558	1 045
0.51 to 1.00	2 229	277	415	217	192	390	338	301	81	18	15 166	16 186	401
1.01 to 1.50	189	28	19	25	16	32	44	13	12	—	17 321	16 056	65
1.51 or more	9	—	—	—	—	4	3	2	—	—	20 417	20 577	—
Lacking complete plumbing for exclusive use	133	34	43	21	14	—	13	8	—	—	8 906	10 057	22
0.50 or less	85	23	37	6	7	—	6	6	—	—	7 569	8 977	18
0.51 to 1.00	48	11	6	15	7	—	7	2	—	—	11 167	11 970	4
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS													
Heating equipment	8 499	1 675	2 004	892	744	1 224	913	733	267	47	11 599	13 557	1 533
Central heating system	8 134	1 586	1 894	848	719	1 187	883	705	265	47	11 731	13 668	1 470
Air conditioning	4 599	581	868	464	466	865	609	508	199	39	14 573	15 802	527
Central system	638	54	78	49	58	129	154	55	42	19	18 711	18 682	71
Vehicles available	7 277	949	1 676	839	706	1 181	891	725	263	47	13 118	14 861	976
1	3 879	789	1 236	548	377	644	455	148	48	14	9 684	11 142	677
2 or more	3 398	160	440	291	329	537	436	577	215	33	18 234	19 107	299
House heating fuel	8 499	1 675	2 004	892	744	1 224	913	733	267	47	11 599	13 557	1 533
Utility gas	7 440	1 417	1 733	798	621	1 145	826	629	231	40	11 786	13 678	1 272
Bottled, tank, or LP gas	285	54	99	38	31	17	16	22	5	3	9 327	11 728	73
Electricity	630	161	151	29	84	38	61	73	29	4	10 259	13 475	154
Fuel oil, kerosene, etc.	96	28	18	20	4	14	3	9	—	—	10 250	10 698	21
Other	48	15	3	7	4	10	7	—	2	—	12 143	12 349	13
Median rooms	3.9	3.4	3.7	3.8	4.0	4.1	4.2	4.3	4.9	5.2	...	...	3.7
Specified renter-occupied housing units													
8 222	1 605	1 925	875	728	1 198	882	706	258	45	11 660	13 585	1 458	
CONTRACT RENT													
Less than \$100	942	523	235	51	31	31	51	8	12	—	4 677	6 820	424
\$100 to \$149	1 001	263	339	147	46	94	70	30	12	—	8 750	9 954	200
\$150 to \$199	1 594	361	560	177	173	128	106	57	26	6	9 058	10 820	297
\$200 to \$249	2 147	233	481	253	255	394	245	245	41	—	13 544	14 542	242
\$250 to \$299	1 469	123	177	191	123	329	248	201	64	13	16 702	17 406	164
\$300 to \$349	457	26	56	26	50	83	102	77	26	9	19 497	19 901	47
\$350 to \$399	173	6	7	—	10	44	37	46	21	2	22 216	23 577	14
\$400 to \$499	98	—	7	—	15	19	11	10	31	5	21 818	27 107	7
\$500 or more	24	—	—	4	4	—	7	5	—	4	23 929	25 386	—
No cash rent	317	68	63	26	21	76	5	27	25	6	12 679	15 247	63
Median	\$211	\$144	\$179	\$211	\$226	\$242	\$243	\$250	\$267	\$303	...	...	\$158
GROSS RENT													
Less than \$100	704	474	157	23	4	18	22	6	—	—	4 187	5 318	376
\$100 to \$149	791	258	278	91	42	47	45	18	12	—	7 232	8 848	196
\$150 to \$199	1 378	299	547	166	127	95	87	34	17	6	8 897	10 365	250
\$200 to \$249	1 642	267	434	190	187	236	150	145	33	—	11 579	13 033	249
\$250 to \$299	1 998	169	342	270	192	441	297	234	47	6	15 235	15 776	205
\$300 to \$349	774	45	52	84	103	164	143	125	58	—	18 534	19 212	60
\$350 to \$399	274	13	30	9	14	68	64	45	16	15	20 179	21 612	30
\$400 to \$499	220	12	15	12	23	24	56	57	19	2	21 765	21 701	22
\$500 or more	124	—	7	4	15	29	13	15	31	10	22 857	27 031	7
No cash rent	317	68	63	26	21	76	5	27	25	6	12 679	15 247	63
Median	\$234	\$161	\$195	\$238	\$249	\$265	\$275	\$277	\$306	\$375	...	...	\$173
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	1 677	14	97	75	87	186	407	564	212	35	24 646	24 806	16
15 to 19 percent	1 549	149	162	126	178	488	345	76	21	4	16 812	15 978	154
20 to 24 percent	1 305	132	341	164	223	340	81	24	—	—	12 674	12 433	79
25 to 29 percent	874	112	271	234	137	68	37	15	—	—	10 577	10 769	105
30 to 34 percent	560	46	273	157	52	25	7	—	—	—	9 405	9 420	37
35 to 49 percent	775	165	483	89	23	15	—	—	—	—	6 912	7 282	146
50 percent or more	1 119	873	235	4	7	—	—	—	—	—	3 454	3 582	812
Not computed	363	114	63	26	21	76	5	27	25	6	10 433	13 180	109
Median	22.7	50+	31.1	26.3	22.0	18.8	15.5	12.5	10.1	10—	...	...	50+



Table A — 5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	8 800	273	643	909	960	858	1 909	1 577	1 186	485	441
PERSONS IN UNIT											
1 person -----	319	35	38	38	41	26	55	50	26	10	364
2 persons -----	1 739	87	188	190	153	145	342	321	229	84	428
3 persons -----	1 874	36	142	230	224	176	402	336	233	95	435
4 persons -----	2 695	69	123	238	279	284	662	515	364	161	453
5 persons -----	1 351	38	108	82	114	164	289	224	235	97	463
6 persons -----	572	2	26	96	110	53	101	102	62	20	399
7 persons -----	153	—	15	24	27	2	27	18	32	8	420
8 or more persons -----	97	6	3	11	12	8	31	11	5	10	421
Median -----	3.67	2.90	3.17	3.48	3.72	3.79	3.73	3.66	3.79	3.83	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	7 960	213	542	808	837	777	1 738	1 470	1 119	456	447
15 to 24 years -----	232	—	4	27	8	11	78	57	42	5	488
25 to 34 years -----	2 756	40	92	135	212	147	670	771	507	182	511
35 to 44 years -----	2 372	36	90	200	277	295	543	463	328	140	456
45 to 64 years -----	2 432	111	300	418	310	315	440	179	235	124	362
65 years and over -----	166	26	56	28	30	9	7	—	7	5	254
Male householder, no wife present -----	347	30	30	15	56	18	73	56	50	19	433
15 to 24 years -----	26	4	11	5	—	—	—	6	—	—	241
25 to 34 years -----	145	15	2	—	14	—	51	26	30	7	466
35 to 44 years -----	77	—	2	5	22	11	15	7	3	12	393
45 to 64 years -----	70	4	11	5	14	7	7	5	17	—	357
65 years and over -----	29	7	4	—	6	—	—	12	—	—	329
Female householder, no husband present -----	493	30	71	86	67	63	98	51	17	10	344
15 to 24 years -----	14	7	—	7	—	—	—	—	—	—	225
25 to 34 years -----	77	6	9	15	7	14	23	3	—	—	355
35 to 44 years -----	162	5	9	7	25	25	39	31	11	10	421
45 to 64 years -----	185	5	45	46	35	14	28	12	—	—	296
65 years and over -----	55	7	8	11	—	10	8	5	6	—	357
Median age -----	38.8	48.2	49.9	46.5	42.4	41.8	36.8	34.2	35.3	37.3	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	1 717	40	26	58	82	82	302	452	469	206	559
1975 to 1978 -----	3 494	44	91	158	169	324	1 033	907	562	206	494
1970 to 1974 -----	1 829	76	176	274	357	279	390	127	102	48	356
1960 to 1969 -----	1 426	58	273	341	290	164	166	66	43	25	307
1959 or earlier -----	334	55	77	78	62	9	18	25	10	—	272
ROOMS											
1 to 3 rooms -----	44	21	1	—	—	3	7	12	—	—	300
4 rooms -----	452	43	31	54	72	50	99	64	30	9	376
5 rooms -----	1 811	95	200	272	200	154	441	252	159	38	395
6 rooms -----	1 615	51	147	206	185	186	262	322	190	66	415
7 rooms -----	1 618	46	154	124	180	128	396	257	241	92	442
8 or more rooms -----	3 260	17	110	253	323	337	704	670	566	280	484
Median -----	6.8	5.3	6.1	6.1	6.6	6.8	6.9	7.0	7.4	8.1	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	2 615	35	38	89	101	187	548	695	622	300	545
1970 to 1974 -----	1 497	20	54	167	225	132	375	240	195	89	443
1960 to 1969 -----	1 918	40	179	247	277	251	430	221	209	64	393
1950 to 1959 -----	1 514	47	150	258	215	168	319	219	112	26	376
1940 to 1949 -----	236	31	21	36	27	29	50	36	6	—	355
1939 or earlier -----	1 020	100	201	112	115	91	187	166	42	6	342
VALUE											
Less than \$10,000 -----	15	12	1	2	—	—	—	—	—	—	181
\$10,000 to \$19,999 -----	125	14	78	24	7	1	1	—	—	—	231
\$20,000 to \$29,999 -----	274	69	83	31	29	31	26	3	2	—	241
\$30,000 to \$39,999 -----	484	43	103	129	66	60	75	6	2	—	287
\$40,000 to \$49,999 -----	1 596	72	180	286	236	217	394	171	40	—	356
\$50,000 to \$59,999 -----	2 130	28	138	276	310	192	560	456	163	7	424
\$60,000 to \$79,999 -----	2 982	33	60	155	294	299	666	695	619	161	498
\$80,000 to \$99,999 -----	686	—	—	6	16	33	112	141	243	135	622
\$100,000 to \$149,999 -----	423	2	—	—	2	25	63	89	110	132	642
\$150,000 or more -----	85	—	—	—	—	—	12	16	7	50	750+
Median -----	\$58 900	\$39 700	\$43 000	\$49 500	\$53 700	\$57 300	\$57 900	\$63 400	\$72 000	\$91 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	2 257	195	354	408	389	267	380	119	94	51	322
15 to 19 percent -----	1 751	32	135	182	263	223	465	251	164	36	408
20 to 24 percent -----	1 700	23	50	146	151	139	486	416	201	88	473
25 to 29 percent -----	1 199	7	71	78	76	86	240	360	235	46	512
30 to 34 percent -----	718	—	4	28	48	48	117	224	181	68	551
35 percent or more -----	1 159	16	29	67	33	95	207	207	309	196	564
Not computed -----	16	—	—	—	—	—	14	—	2	—	479
Median -----	21.1	11.5	14.2	16.3	16.7	18.6	21.1	25.0	27.8	31.6	...
SELECTED CHARACTERISTICS											
Heating equipment -----	8 800	273	643	909	960	858	1 909	1 577	1 186	485	441
Steam or hot water system -----	1 000	31	88	118	125	65	232	158	128	55	452
Central warm-air furnace or electric heat pump -----	7 072	213	484	632	770	757	1 566	1 267	1 005	378	442
Other built-in electric units -----	429	20	22	64	20	13	80	109	49	52	495
Floor, wall, or pipeless furnace -----	33	5	—	13	9	—	6	—	—	—	294
Other means -----	266	4	49	82	36	23	25	43	4	—	299
Air conditioning -----	4 872	127	280	526	533	432	1 066	868	695	345	452
Central system -----	2 960	24	88	174	270	306	649	583	552	314	495
1 or more individual room units -----	1 912	103	192	352	263	126	417	285	143	31	368
House heating fuel -----	8 800	273	643	909	960	858	1 909	1 577	1 186	485	441
Utility gas -----	7 746	239	574	796	888	780	1 759	1 353	971	386	434
Bottled, tank, or LP gas -----	195	4	19	12	14	17	23	37	58	11	523
Electricity -----	755	25	23	82	39	56	119	168	155	88	520
Fuel oil, kerosene, etc. -----	20	—	6	5	2	2	—	3	2	—	290
Other -----	84	5	21	14	17	3	8	16	—	—	306

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

The SMSA	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> .....	<b>3 919</b>	<b>45</b>	<b>308</b>	<b>434</b>	<b>755</b>	<b>862</b>	<b>1 095</b>	<b>268</b>	<b>152</b>	<b>137</b>
<b>PERSONS IN UNIT</b>										
1 person .....	902	28	177	171	182	173	141	21	9	110
2 persons .....	1 824	14	104	203	383	453	491	114	62	136
3 persons .....	553	—	21	28	118	115	173	69	29	149
4 persons .....	337	—	4	24	35	74	162	26	12	160
5 persons .....	195	—	—	6	31	20	95	34	9	171
6 persons .....	67	3	2	2	3	18	11	4	24	175
7 persons .....	24	—	—	—	3	7	7	—	7	164
8 or more persons .....	17	—	—	—	—	2	15	—	—	172
Median .....	2.08	1.30	1.37	1.73	2.01	2.07	2.33	2.49	2.67	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
<b>Married-couple families</b> .....	<b>2 588</b>	<b>7</b>	<b>93</b>	<b>225</b>	<b>496</b>	<b>628</b>	<b>804</b>	<b>203</b>	<b>132</b>	<b>144</b>
15 to 24 years .....	5	—	—	—	2	—	—	—	—	129
25 to 34 years .....	92	—	1	15	21	3	32	2	—	136
35 to 44 years .....	156	—	4	9	34	37	43	13	16	146
45 to 64 years .....	1 269	5	22	45	153	342	471	145	86	157
65 years and over .....	1 066	—	66	156	286	225	258	43	30	128
<b>Male householder, no wife present</b> .....	<b>378</b>	<b>21</b>	<b>67</b>	<b>62</b>	<b>46</b>	<b>56</b>	<b>110</b>	<b>16</b>	<b>—</b>	<b>121</b>
15 to 24 years .....	18	—	3	8	2	5	—	—	—	94
25 to 34 years .....	51	2	32	6	—	—	6	5	—	68
35 to 44 years .....	19	—	5	7	—	—	—	—	—	91
45 to 64 years .....	89	4	14	12	27	15	11	—	—	133
65 years and over .....	201	15	13	35	32	22	84	—	—	131
<b>Female householder, no husband present</b> .....	<b>953</b>	<b>17</b>	<b>148</b>	<b>147</b>	<b>213</b>	<b>178</b>	<b>181</b>	<b>49</b>	<b>20</b>	<b>119</b>
15 to 24 years .....	—	—	—	—	—	—	—	—	—	—
25 to 34 years .....	18	—	18	—	—	—	—	—	—	63
35 to 44 years .....	57	6	2	—	17	—	32	—	—	155
45 to 64 years .....	202	—	14	21	57	23	52	24	11	135
65 years and over .....	676	11	114	126	139	155	97	25	9	116
Median age .....	64.8	68.4	70.1	71.7	68.1	63.6	61.5	56.5	56.9	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 .....	167	2	7	18	53	14	52	21	—	131
1975 to 1978 .....	510	—	34	35	81	89	161	65	43	154
1970 to 1974 .....	451	2	65	34	69	98	106	45	32	139
1960 to 1969 .....	1 120	9	79	110	175	261	387	56	43	143
1959 or earlier .....	1 671	30	123	237	377	400	389	81	34	129
<b>ROOMS</b>										
1 to 3 rooms .....	166	20	55	33	28	—	26	4	—	81
4 rooms .....	891	12	137	139	236	269	82	16	—	117
5 rooms .....	942	8	74	125	208	226	253	37	11	131
6 rooms .....	706	—	32	76	134	128	269	45	17	146
7 rooms .....	528	—	7	38	96	109	216	42	20	153
8 or more rooms .....	686	—	3	23	53	130	249	124	104	177
Median .....	5.5	3.7	4.2	4.9	5.0	5.2	6.2	7.3	8.0	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 .....	220	—	4	5	46	41	82	27	15	159
1970 to 1974 .....	222	—	26	2	25	49	54	41	25	158
1960 to 1969 .....	653	3	34	41	59	97	300	77	42	165
1950 to 1959 .....	1 082	—	25	62	200	313	364	68	50	145
1940 to 1949 .....	387	10	28	54	72	125	77	11	10	131
1939 or earlier .....	1 355	32	191	270	353	237	218	44	10	113
<b>VALUE</b>										
Less than \$10,000 .....	297	26	155	63	34	7	12	—	—	70
\$10,000 to \$19,999 .....	405	2	68	136	97	38	58	4	2	99
\$20,000 to \$29,999 .....	492	2	59	84	214	91	39	3	—	112
\$30,000 to \$39,999 .....	620	7	10	111	185	191	109	7	—	125
\$40,000 to \$49,999 .....	706	—	—	30	140	285	225	19	7	141
\$50,000 to \$59,999 .....	647	—	16	8	68	156	334	52	13	161
\$60,000 to \$79,999 .....	523	8	—	—	9	92	269	107	38	178
\$80,000 to \$99,999 .....	141	—	—	2	8	2	38	67	24	215
\$100,000 to \$149,999 .....	67	—	—	—	—	—	11	—	47	250+
\$150,000 or more .....	21	—	—	—	—	—	—	—	21	250+
Median .....	\$42 300	\$10 000—	\$10 000—	\$21 600	\$32 100	\$44 500	\$52 300	\$66 000	\$93 800	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent .....	1 699	31	108	122	267	360	554	170	87	147
10 to 14 percent .....	763	2	52	104	188	163	181	44	29	130
15 to 19 percent .....	522	9	44	69	125	121	127	17	10	128
20 to 24 percent .....	287	3	42	33	69	77	57	6	—	124
25 to 29 percent .....	206	—	19	40	44	39	51	7	6	125
30 to 34 percent .....	113	—	6	24	12	37	24	5	5	135
35 percent or more .....	313	—	35	42	50	59	93	19	15	138
Not computed .....	16	—	2	—	—	6	8	—	—	150
Median .....	11.7	10—	14.3	14.6	12.9	12.1	10—	10—	10—	...
<b>SELECTED CHARACTERISTICS</b>										
<b>Heating equipment</b> .....	<b>3 909</b>	<b>43</b>	<b>308</b>	<b>434</b>	<b>747</b>	<b>862</b>	<b>1 095</b>	<b>268</b>	<b>152</b>	<b>137</b>
Steam or hot water system .....	670	7	23	61	125	135	223	69	27	147
Central warm-air furnace or electric heat pump .....	2 878	15	193	314	542	691	818	193	112	139
Other built-in electric units .....	103	—	10	11	25	14	24	6	13	135
Floor, or pipeless furnace .....	30	—	8	9	5	—	—	—	—	89
Other means .....	228	19	74	39	50	22	24	—	—	88
<b>Air conditioning</b> .....	<b>2 026</b>	<b>7</b>	<b>74</b>	<b>122</b>	<b>377</b>	<b>489</b>	<b>626</b>	<b>218</b>	<b>113</b>	<b>147</b>
Central system .....	813	—	28	10	97	134	272	168	104	175
1 or more individual room units .....	1 213	—	46	112	280	355	354	50	9	136
<b>House heating fuel</b> .....	<b>3 909</b>	<b>43</b>	<b>308</b>	<b>434</b>	<b>747</b>	<b>862</b>	<b>1 095</b>	<b>268</b>	<b>152</b>	<b>137</b>
Utility gas .....	3 482	33	227	368	663	801	1 005	250	135	139
Bottled, tank, or LP gas .....	182	2	33	32	40	18	49	4	4	115
Electricity .....	127	—	10	11	33	22	32	6	13	136
Fuel oil, kerosene, etc. ....	83	6	22	16	11	16	9	3	—	96
Other .....	35	2	16	7	—	5	—	5	—	74

Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	19 450	5 118	3 187	3 459	4 070	3 616	8 499	2 311	1 344	1 530	1 590	1 724
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	15 145	4 303	2 467	2 733	3 189	2 453	2 822	810	483	593	492	444
15 to 24 years	752	405	134	76	70	67	562	257	66	91	65	83
25 to 34 years	4 228	1 958	802	444	609	415	1 046	265	190	221	221	149
35 to 44 years	3 215	1 038	684	638	452	403	369	116	58	84	40	71
45 to 64 years	5 132	776	720	1 312	1 395	929	475	109	79	95	102	90
65 years and over	1 818	126	127	263	663	639	370	63	90	102	64	51
Male householder, no wife present	1 662	398	302	296	268	398	2 100	632	213	310	463	482
15 to 24 years	227	95	64	15	20	33	859	301	74	113	195	176
25 to 34 years	515	175	106	112	50	72	646	221	80	77	125	143
35 to 44 years	206	65	46	48	22	25	211	84	3	44	49	31
45 to 64 years	359	61	43	62	89	104	216	13	27	43	64	69
65 years and over	355	2	43	59	87	164	168	13	29	33	30	63
Female householder, no husband present	2 643	417	418	430	613	765	3 577	869	648	627	635	798
15 to 24 years	104	39	22	24	13	6	1 011	322	146	150	189	204
25 to 34 years	349	138	102	48	21	40	823	274	173	96	135	145
35 to 44 years	318	51	90	85	61	31	278	84	47	44	40	63
45 to 64 years	733	140	109	106	194	184	446	85	64	84	93	120
65 years and over	1 139	49	95	167	324	504	1 019	104	218	253	178	266
Median age	44.4	33.8	38.8	47.2	53.7	57.8	31.0	27.4	33.1	35.8	30.9	34.0
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	3 197	1 722	451	352	380	292	4 444	1 638	657	676	769	704
1975 to 1978	6 668	3 396	1 154	791	780	547	2 498	673	418	473	422	512
1970 to 1974	3 158	-	1 582	615	452	509	860	-	269	226	171	194
1960 to 1969	3 331	-	-	1 701	924	706	412	-	-	155	136	121
1959 or earlier	3 096	-	-	-	1 534	1 562	285	-	-	-	92	193
<b>ROOMS</b>												
1 room	14	2	3	3	4	2	156	8	45	4	23	76
2 rooms	80	6	19	20	18	17	585	70	153	83	77	202
3 rooms	467	61	65	90	75	176	2 102	535	187	340	502	538
4 rooms	3 257	790	564	458	851	594	3 342	1 114	611	675	561	381
5 rooms	4 947	1 482	985	753	943	784	1 258	385	195	280	208	190
6 rooms	3 420	978	470	529	693	750	590	91	90	77	151	181
7 or more rooms	7 265	1 799	1 081	1 486	1 486	1 293	466	108	63	71	68	156
Median	5.8	5.7	5.5	6.3	5.7	5.8	3.9	4.0	4.0	4.0	3.8	3.6
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	19 323	5 114	3 184	3 456	4 044	3 525	8 366	2 306	1 331	1 517	1 571	1 641
0.50 or less	11 731	2 765	1 705	2 135	2 697	2 429	5 939	1 603	829	1 076	1 241	1 190
0.51 to 1.00	7 149	2 259	1 375	1 244	1 262	1 009	2 229	666	448	411	298	406
1.01 to 1.50	425	87	99	77	81	81	189	37	54	30	23	45
1.51 or more	18	3	5	-	4	6	9	-	-	-	9	-
Lacking complete plumbing for exclusive use	127	4	3	3	26	91	133	5	13	13	19	83
0.50 or less	109	2	-	-	24	83	85	3	11	6	6	59
0.51 to 1.00	18	2	3	3	2	8	48	2	2	7	13	24
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
<b>PERSONS IN UNIT</b>												
1 person	2 495	423	379	394	503	796	3 582	783	471	556	810	962
2 persons	5 720	1 289	659	982	1 587	1 203	2 733	933	428	567	430	375
3 persons	3 671	1 060	675	614	719	603	1 155	361	205	225	188	176
4 persons	4 190	1 399	856	867	652	416	580	136	161	84	93	106
5 persons	2 099	715	393	335	363	293	237	69	40	62	28	38
6 or more persons	1 275	232	225	267	246	305	212	29	39	36	41	67
Median	2.91	3.30	3.32	3.08	2.47	2.34	1.74	1.90	1.97	1.87	1.48	1.40
Total persons	61 206	17 483	10 769	11 091	11 711	10 152	16 896	4 838	2 773	3 298	2 896	3 091
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	14 635	3 323	1 904	2 764	3 524	3 120	1 312	229	97	217	303	466
2	1 010	76	6	132	394	339	1 544	115	136	244	743	306
3 and 4	189	22	8	33	39	87	1 122	71	79	307	295	370
5 to 9	232	130	28	2	36	36	1 801	613	381	336	145	326
10 to 49	124	57	32	6	10	19	2 190	1 187	371	315	78	239
50 or more	50	-	50	-	-	-	224	8	190	11	-	15
Mobile home or trailer, etc.	3 210	1 510	1 096	522	67	15	306	88	90	100	26	2
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	19 438	5 108	3 187	3 459	4 068	3 616	8 499	2 311	1 344	1 530	1 590	1 724
Steam or hot water system	2 468	413	339	424	460	632	4 018	1 543	746	798	346	585
Central warm-air furnace or electric heat pump	15 091	4 091	2 490	2 861	3 351	2 298	3 619	509	583	581	1 083	863
Other built-in electric units	888	462	151	82	85	108	362	241	8	-	19	43
Floor, wall, or oilless furnace	181	17	42	54	13	55	135	5	-	-	36	64
Other means	810	125	165	38	159	323	365	13	7	100	106	139
Air conditioning	10 749	2 883	1 948	2 192	2 396	1 330	4 599	1 953	903	861	474	408
Central system	5 410	2 117	1 110	1 132	840	211	638	264	148	139	42	45
1 or more individual room units	5 339	766	838	1 060	1 556	1 119	3 961	1 689	755	722	432	363
House heating fuel	19 438	5 108	3 187	3 459	4 068	3 616	8 499	2 311	1 344	1 530	1 590	1 724
Bottled, tank, or LP gas	15 697	3 830	2 583	3 098	3 659	2 527	7 440	1 946	1 274	1 329	1 450	1 441
Electricity	1 542	296	316	174	187	569	285	18	38	-	49	124
Fuel oil, kerosene, etc.	1 500	905	225	114	103	153	630	331	30	112	66	91
Other	276	12	4	31	76	153	96	-	2	30	23	41
Income in 1979 below poverty level	1 423	65	59	42	43	214	48	16	-	3	2	27
Percent below poverty level	2.45	1.36	1.83	1.65	1.94	5.67	1 533	292	352	256	292	341
Median	6.4	2.7	5.7	4.8	4.8	15.7	18.0	12.6	26.2	16.7	18.4	19.8
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	1 353	100	182	198	255	618	1 675	280	347	288	359	401
\$5,000 to \$9,999	2 214	342	275	331	548	718	2 004	393	363	260	416	572
\$10,000 to \$14,999	1 375	282	234	264	206	389	892	232	116	100	231	213
\$15,000 to \$19,999	1 252	330	217	163	296	246	744	208	88	175	149	124
\$20,000 to \$24,999	2 798	864	541	464	532	397	1 224	446	152	298	198	130
\$25,000 to \$29,999	3 155	999	553	443	649	511	1 913	354	134	177	104	144
\$30,000 to \$34,999	4 283	1 327	728	799	947	482	733	262	112	171	107	81
\$35,000 to \$49,999	1 841	589	248	508	419	177	267	11	18	59	26	39
\$50,000 or more	1 079	285	209	289	218	78	47	14	2	-	-	20
Median	\$21 006	\$22 980	\$21 069	\$23 440	\$21 216	\$13 343	\$11 599	\$15 508	\$9 431	\$14 171	\$10 216	\$9 072
Mean	\$23 328	\$25 670	\$24 228	\$25 984	\$23 349	\$16 656	\$13 557	\$16 346	\$12 146	\$14 725	\$11 716	\$11 577

Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

## The SMSA

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	19 450	14 635	1 605	3 210	8 499	1 312	1 544	1 122	1 801	2 190	224	306
Condominium housing units	418	185	233	—	56	30	8	3	15	—	—	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	15 145	12 092	962	2 091	2 822	882	498	303	489	477	49	124
15 to 24 years	752	266	45	441	562	98	86	56	118	169	—	35
25 to 34 years	4 228	3 107	206	915	1 046	325	233	91	190	162	7	38
35 to 44 years	3 215	2 863	116	236	369	163	72	25	34	36	8	31
45 to 64 years	5 132	4 437	360	335	475	181	82	49	90	47	8	18
65 years and over	1 818	1 419	235	164	370	115	25	82	57	63	26	2
Male householder, no wife present	1 662	931	207	524	2 100	218	443	276	351	677	52	83
15 to 24 years	227	54	5	168	859	67	199	132	116	314	—	31
25 to 34 years	515	242	98	175	646	73	137	51	104	221	25	35
35 to 44 years	206	123	27	56	211	15	29	23	58	75	—	11
45 to 64 years	359	234	31	94	216	34	59	37	31	35	15	5
65 years and over	355	278	46	31	168	29	19	33	42	32	12	1
Female householder, no husband present	2 643	1 612	436	595	3 577	212	603	543	961	1 036	123	99
15 to 24 years	104	14	16	74	1 011	27	148	187	276	303	14	56
25 to 34 years	349	101	47	201	823	37	225	83	218	237	12	11
35 to 44 years	318	221	22	75	278	40	48	23	43	116	—	8
45 to 64 years	1 733	457	133	143	446	64	118	73	116	142	—	11
65 years and over	1 139	819	218	102	1 019	68	118	177	308	238	97	13
Median age	44.4	46.1	54.3	31.4	31.0	36.2	29.3	33.0	30.1	28.7	71.4	28.4
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	3 197	2 050	252	895	4 444	527	831	485	1 006	1 343	66	186
1975 to 1978	6 668	4 554	438	1 676	2 498	424	456	349	506	626	60	77
1970 to 1974	3 158	2 494	229	435	860	128	127	144	190	143	98	30
1960 to 1969	3 331	2 872	266	193	412	111	79	69	80	60	—	13
1959 or earlier	3 096	2 665	420	11	285	122	51	75	19	18	—	—
<b>ROOMS</b>												
1 room	14	6	—	8	156	—	—	21	28	92	15	—
2 rooms	80	30	20	30	585	11	43	81	108	252	86	4
3 rooms	467	218	88	161	2 102	73	486	344	487	618	74	20
4 rooms	3 257	1 567	551	1 139	3 342	252	511	519	932	979	28	121
5 rooms	4 947	3 220	454	1 273	1 258	341	272	100	196	226	16	107
6 rooms	3 420	2 772	211	437	590	264	174	49	32	23	—	48
7 or more rooms	7 265	6 822	281	162	466	371	58	8	18	—	5	6
Median	5.8	6.3	4.8	4.7	3.9	5.4	4.0	3.7	3.8	3.6	2.6	4.6
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	19 323	14 547	1 577	3 199	8 366	1 293	1 526	1 095	1 742	2 180	224	306
0.50 or less	11 731	8 887	1 179	1 665	5 939	756	1 112	861	1 266	1 574	161	209
0.51 to 1.00	7 149	5 333	354	1 462	2 229	468	405	217	411	585	63	80
1.01 to 1.50	425	312	41	72	189	65	7	14	65	21	—	17
1.51 or more	18	15	3	—	9	4	2	3	—	—	—	—
Lacking complete plumbing for exclusive use	127	88	28	11	133	19	18	27	59	10	—	—
0.50 or less	109	78	28	3	85	17	6	21	33	8	—	—
0.51 to 1.00	18	10	—	8	48	2	12	6	26	2	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None	19	11	—	8	265	6	—	48	42	154	15	—
1	531	294	127	110	2 638	94	548	403	586	836	161	10
2	5 425	3 071	872	1 482	4 123	417	698	618	1 103	1 060	32	195
3	8 654	6 640	444	1 570	1 167	518	290	48	61	140	16	94
4	3 842	3 665	137	40	261	234	8	5	7	—	—	7
5 or more	979	954	25	—	45	43	—	—	2	—	—	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	1 353	981	197	175	1 675	188	238	294	371	430	100	54
\$5,000 to \$9,999	2 214	1 491	257	466	2 004	257	432	274	459	497	39	46
\$10,000 to \$14,999	1 375	868	138	369	892	160	156	122	181	218	12	43
\$15,000 to \$19,999	1 252	768	147	337	744	106	166	106	156	176	11	23
\$20,000 to \$24,999	2 798	1 878	196	724	1 224	231	198	122	217	408	14	34
\$25,000 to \$29,999	3 155	2 342	239	574	913	162	173	93	203	213	13	56
\$30,000 to \$34,999	4 283	3 573	296	414	733	112	140	76	160	183	29	33
\$35,000 to \$49,999	1 941	1 762	75	104	267	81	34	26	38	65	6	17
\$50,000 or more	1 079	972	60	47	47	15	7	9	16	—	—	—
Mean	\$21 006	\$22 468	\$16 443	\$16 697	\$11 599	\$13 703	\$11 635	\$9 877	\$10 974	\$11 927	\$6 304	\$13 587
Median	\$23 328	\$24 987	\$19 174	\$17 842	\$13 557	\$15 660	\$13 694	\$11 848	\$13 198	\$13 372	\$10 970	\$15 435
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	19 438	14 625	1 605	3 208	8 499	1 312	1 544	1 122	1 801	2 190	224	306
Steam or hot water system	2 468	1 907	517	44	4 018	165	307	470	1 325	1 637	114	—
Central warm-air furnace or electric heat pump	15 091	11 194	922	2 975	3 619	934	1 047	539	386	305	110	298
Other built-in electric units	888	781	80	27	362	59	18	42	50	187	—	6
Floor, wall, or pipeless furnace	181	78	10	93	135	30	2	21	27	55	—	—
Other means	810	665	76	69	365	124	170	50	13	6	—	2
Air conditioning	10 749	7 621	989	2 139	4 599	486	418	408	1 191	1 732	180	184
Central system	5 410	4 180	310	920	638	146	139	76	67	130	13	67
Vehicles available	18 866	14 209	1 506	3 151	7 277	1 239	1 359	914	1 461	1 900	119	285
1	4 092	2 567	571	954	3 879	505	755	548	771	1 074	79	127
2 or more	14 774	11 642	925	2 197	3 398	734	604	366	690	826	40	138
House heating fuel	19 438	14 625	1 605	3 208	8 499	1 312	1 544	1 122	1 801	2 190	224	306
Utility gas	15 697	11 605	1 328	2 768	7 440	874	1 444	1 027	1 677	1 940	224	254
Bottled, tank, or LP gas	1 542	1 125	98	319	285	182	25	11	22	2	—	43
Electricity	1 500	1 296	124	80	630	130	70	79	94	248	—	9
Fuel oil, kerosene, etc.	276	235	35	6	96	86	5	4	—	—	—	—
Other	423	364	24	35	48	40	—	—	—	—	—	—
Water heating fuel	19 383	14 578	1 603	3 202	8 483	1 298	1 544	1 122	1 799	2 190	224	306
Utility gas	14 969	11 166	1 275	2 528	7 170	832	1 362	1 055	1 649	1 821	219	232
Bottled, tank, or LP gas	1 209	833	66	310	231	126	26	8	20	6	5	40
Electricity	3 171	2 547	260	364	1 075	335	154	59	130	363	—	34
Fuel oil, kerosene, etc.	13	11	2	—	4	2	—	—	—	—	—	—
Other	21	21	—	—	3	—	—	—	—	—	—	—
Family householder	16 664	13 066	1 119	2 479	3 907	1 022	735	418	723	767	97	193
With own children under 18 years	9 906	7 844	480	1 582	2 136	654	447	149	376	384	16	110
With own children under 6 years	4 776	3 529	252	995	1 387	395	281	102	279	257	—	73
Female householder, no husband present	1 089	673	131	285	902	101	177	78	214	271	—	61
With own children under 18 years	596	311	67	218	642	71	139	43	154	186	—	49
With own children under 6 years	152	48	16	88	378	29	86	19	105	100	—	39
Nonfamily householder	2 786	1 569	486	731	4 592	290	809	704	1 078	1 423	175	113
Income in 1979 below poverty level	1 245	935	146	164	1 533	208	213	249	343	397	70	53
Percent below poverty level	6.4	6.4	9.1	5.1	18.0	15.9	13.8	22.2	19.0	18.1	31.3	17.3

Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b>	<b>19 450</b>	<b>2 495</b>	<b>5 720</b>	<b>3 671</b>	<b>4 190</b>	<b>2 099</b>	<b>867</b>	<b>250</b>	<b>158</b>	<b>2.91</b>	<b>61 206</b>
Nonrelatives present	488	—	255	103	36	52	27	6	9	2.46	1 558
<b>ROOMS</b>											
1 to 3 rooms	561	283	224	28	19	3	4	—	—	1.49	934
4 rooms	3 257	977	1 404	474	306	54	42	—	—	1.96	6 972
5 rooms	4 947	633	1 554	1 042	1 109	428	156	20	5	2.77	14 748
6 rooms	3 420	298	1 040	673	846	390	116	36	21	3.05	10 941
7 rooms	2 737	181	656	558	685	407	144	44	62	3.45	9 746
8 or more rooms	4 528	123	842	896	1 225	817	405	150	70	3.83	17 865
Median	5.8	4.5	5.3	5.9	6.3	6.9	7.3	7.8	7.4	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	19 323	2 445	5 664	3 652	4 188	2 099	867	250	158	2.93	60 976
1.00 or less	18 880	2 445	5 660	3 650	4 169	2 042	665	194	55	2.87	58 173
1.01 to 1.50	425	—	—	2	19	54	198	56	96	6.19	2 668
1.51 or more	18	—	4	—	—	—	4	—	7	6.00	135
Lacking complete plumbing for exclusive use	127	50	56	19	2	—	—	—	—	1.74	230
1.00 or less	127	50	56	19	2	—	—	—	—	1.74	230
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	14 635	1 429	4 135	2 771	3 352	1 782	794	234	138	3.13	48 182
2 or more	1 605	438	630	201	194	73	47	8	14	2.08	4 014
Mobile home or trailer, etc.	3 210	628	955	699	644	244	26	6	6	2.53	9 010
<b>VALUE</b>											
Specified owner-occupied housing units	12 719	1 221	3 563	2 427	3 032	1 546	639	177	114	3.15	41 583
Less than \$10,000	312	129	117	33	13	11	3	3	3	1.73	607
\$10,000 to \$19,999	530	175	204	52	49	28	17	5	—	1.94	1 095
\$20,000 to \$29,999	766	197	289	136	52	30	39	15	8	2.14	1 833
\$30,000 to \$39,999	1 104	141	453	220	177	62	24	18	9	2.41	3 028
\$40,000 to \$49,999	2 302	198	652	420	555	282	131	37	27	3.22	7 286
\$50,000 to \$59,999	2 777	191	776	516	782	380	141	41	22	3.32	9 645
\$60,000 to \$79,999	3 505	180	742	731	975	586	215	36	40	3.60	12 920
\$80,000 to \$99,999	827	5	190	194	278	119	22	14	5	3.59	2 919
\$100,000 to \$149,999	490	1	130	92	135	97	33	2	—	3.66	1 823
\$150,000 or more	106	4	10	33	16	23	14	6	—	3.88	427
Median	\$54 300	\$37 900	\$50 700	\$57 000	\$58 600	\$61 700	\$57 900	\$52 500	\$52 300	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	19 450	2 495	5 720	3 671	4 190	2 099	867	250	158	2.91	61 206
Median income	\$21 006	\$8 715	\$18 240	\$23 087	\$24 380	\$24 831	\$26 047	\$25 147	\$29 211	...	...
Median selected monthly owner costs as percentage of household income	18.6	24.3	16.7	17.5	20.2	19.1	16.8	16.8	16.5	...	...
With a mortgage	21.1	31.1	21.0	20.7	21.7	20.9	18.0	17.7	19.2	...	...
Not mortgaged	11.7	21.7	12.2	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	1 245	428	302	140	95	132	80	41	27	2.14	...
Median income	\$3 210	\$2500—	\$3 188	\$3 364	\$4 020	\$5 183	\$6 705	\$7 566	\$8 750	...	...
Median selected monthly owner costs as percentage of household income	50+	48.2	50+	50+	50+	50+	50+	50+	50+	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...
Not mortgaged	46.0	47.4	38.4	50+	25.0	17.5	—	—	50+	...	...
<b>Renter-occupied housing units</b>	<b>8 499</b>	<b>3 582</b>	<b>2 733</b>	<b>1 155</b>	<b>580</b>	<b>237</b>	<b>115</b>	<b>63</b>	<b>34</b>	<b>1.74</b>	<b>16 896</b>
Nonrelatives present	1 218	—	858	247	85	15	6	7	—	2.21	2 913
<b>ROOMS</b>											
1 room	156	153	—	3	—	—	—	—	—	1.01	158
2 rooms	585	521	64	—	—	—	—	—	—	1.06	688
3 rooms	2 102	1 605	426	60	9	2	—	—	—	1.15	2 703
4 rooms	3 342	957	1 538	624	151	63	9	—	—	1.96	6 594
5 rooms	1 258	226	479	208	203	80	33	29	—	2.34	3 254
6 rooms	590	82	122	139	97	65	39	16	30	3.15	1 883
7 or more rooms	466	38	104	121	120	27	34	18	4	3.25	1 616
Median	3.9	3.2	4.1	4.3	5.1	5.2	5.9	5.7	6.1	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	8 366	3 491	2 705	1 148	580	230	115	63	34	1.76	16 700
1.00 or less	8 168	3 491	2 705	1 145	571	165	73	18	—	1.72	15 622
1.01 to 1.50	189	—	—	—	9	62	42	45	30	6.04	1 017
1.51 or more	9	—	—	3	—	—	—	—	4	5.25	61
Lacking complete plumbing for exclusive use	133	91	28	7	—	7	—	—	—	1.23	196
1.00 or less	133	91	28	7	—	7	—	—	—	1.23	196
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	1 312	217	364	302	237	67	56	35	34	2.75	3 823
2	1 544	648	481	233	124	34	16	8	—	1.76	3 068
3 and 4	1 122	573	374	113	32	23	7	—	—	1.48	1 929
5 to 9	1 801	573	594	211	89	64	15	11	—	1.64	3 304
10 to 49	2 190	1 100	730	246	53	46	6	9	—	1.50	3 770
50 or more	224	150	58	8	—	—	—	—	—	1.25	300
Mobile home or trailer, etc.	306	77	132	42	37	3	15	—	—	2.08	702
<b>GROSS RENT</b>											
Specified renter-occupied housing units	8 222	3 542	2 634	1 109	527	223	109	53	25	1.72	16 162
Less than \$100	704	556	94	20	18	8	—	—	—	1.13	990
\$100 to \$149	791	554	147	43	17	7	7	16	—	1.21	1 194
\$150 to \$199	1 378	836	312	154	50	15	11	—	—	1.32	2 256
\$200 to \$249	1 642	818	558	146	45	48	17	—	10	1.51	2 830
\$250 to \$299	1 998	566	922	350	113	42	—	5	—	1.97	4 041
\$300 to \$349	774	129	312	165	77	36	21	26	8	2.33	1 903
\$350 to \$399	274	13	92	59	61	30	19	—	—	3.04	836
\$400 to \$499	220	—	68	65	69	10	8	—	—	3.15	715
\$500 or more	124	—	27	36	45	10	2	4	—	3.47	503
No cash rent	317	70	102	71	32	17	16	2	7	2.37	894
Median	\$234	\$187	\$258	\$271	\$303	\$280	\$308	\$309	\$247	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	8 499	3 582	2 733	1 155	580	237	115	63	34	1.74	16 896
Median income	\$11 599	\$7 922	\$14 880	\$16 373	\$19 141	\$17 153	\$17 891	\$15 179	\$4 500	...	...
Median gross rent as percentage of household income	22.7	25.1	20.2	19.7	19.9	19.9	19.0	28.8	50+	...	...
Income in 1979 below poverty level	1 533	802	371	161	65	48	44	23	19	1.46	...
Median income	\$3 258	\$2500—	\$3 660	\$4 462	\$5 129	\$7 391	\$5 750	\$10 104	\$2 625	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	38.6	46.5	50+	38.6	50+	...	...

Table A—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA	Owner-occupied housing units															
	PERSONS IN UNIT															
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Male householder, no wife present					Female householder, no husband present					Median age
Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Median age
Owner-occupied housing units	752	4 228	3 215	5 132	1 818	227	515	206	359	355	104	349	318	733	1 139	44.4
PERSONS IN UNIT																
1 person	2 495	814	118	1 909	1 492	103	319	123	194	245	62	133	42	363	911	42.9
2 persons	3 720	1 099	360	1 299	269	105	130	40	113	88	26	90	87	177	176	56.9
3 persons	3 671	1 029	1 277	917	39	19	40	12	30	14	16	88	94	97	38	42.7
4 persons	4 090	1 621	860	1 097	18	—	21	16	14	2	—	28	69	78	4	36.9
5 persons	2 099	22	604	528	18	—	5	12	5	6	—	10	17	8	8	39.0
6 or more persons	1 275	3 160	400	479	—	140	131	34	143	122	134	196	282	152	113	42.9
Median	2 58	3 67	438	3 01	2 11	406	844	391	668	475	173	748	923	1 430	1 422	—
Total persons	61 206	15 273	14 855	17 481	3 980											—
PLUMBING FACILITIES BY PERSONS PER ROOM																
Complete plumbing for exclusive use	752	4 223	3 214	5 115	1 803	227	508	204	332	333	104	349	318	729	1 112	44.3
1.01 or more persons per room	443	1 117	141	159	4	—	7	3	3	8	—	—	—	7	—	43.2
Lacking complete plumbing for exclusive use	127	5	1	17	15	—	—	—	27	22	—	—	—	4	27	65.1
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
Specified owner-occupied housing units																
With a mortgage	12 719	2 848	2 528	3 701	1 234	44	196	96	159	230	14	95	219	387	731	45.3
Less than 15 percent	8 800	2 756	2 372	2 432	1 688	26	145	77	70	29	14	77	162	185	55	38.8
15 to 19 percent	2 257	232	597	1 213	30	11	43	9	23	6	7	5	21	46	10	47.1
20 to 24 percent	1 751	14	434	538	34	9	19	15	24	7	—	—	16	31	—	40.0
25 to 29 percent	1 700	69	462	281	51	—	21	23	2	2	7	4	19	23	7	35.1
30 to 34 percent	1 199	72	554	315	20	—	21	16	2	—	—	20	7	28	—	33.9
35 percent or more	1 718	46	313	181	78	5	19	7	21	12	—	37	21	27	38	34.2
Not computed	1 159	30	448	202	28	6	19	7	21	—	—	—	76	24	—	36.1
Median	211	2	19	4	—	16	22	26	17	24	22	35	33	22	50	46.7
Not mortgaged	3 919	52	136	1 269	1 066	18	31	12	48	201	—	18	57	202	676	—
Less than 10 percent	1 699	3	59	908	312	13	44	19	16	23	—	—	15	78	84	47.0
10 to 14 percent	763	25	37	221	289	5	7	—	9	43	—	18	—	44	81	57.0
15 to 19 percent	322	8	53	62	189	—	—	—	—	—	—	—	—	25	23	44.6
20 to 24 percent	287	2	2	19	131	—	—	—	6	37	—	—	—	3	93	71.0
25 to 29 percent	206	—	2	26	96	—	—	—	—	15	—	—	—	3	86	72.4
30 to 34 percent	313	—	—	31	45	—	—	7	10	17	—	—	6	38	156	73.4
35 percent or more	117	—	—	—	—	—	—	—	—	—	—	—	8	12	42.5	—
Median	11.7	10	10	10	14.1	10	10	10	10	18.5	—	12.5	10	12.3	22.3	—
Total persons	8 499	562	1 046	369	475	859	646	211	216	168	1 011	823	278	446	1 019	31.0
Renter-occupied housing units																
PERSONS IN UNIT																
1 person	3 582	—	—	—	—	490	434	145	172	159	370	354	155	317	986	39.5
2 persons	2 733	301	47	249	350	305	158	46	30	5	461	260	45	110	26	27.6
3 persons	1 155	204	324	58	17	55	38	12	11	4	143	145	28	10	7	28.0
4 persons	580	41	128	82	3	9	16	8	2	—	23	19	26	3	—	33.5
5 persons	237	8	119	55	3	—	—	—	—	—	8	14	24	6	—	33.2
6 or more persons	212	8	42	42	—	—	—	—	—	—	—	31	—	—	—	36.9
Median	1 174	243	3 06	4 12	2 03	138	124	123	113	103	1 79	1 72	1 40	1 20	1 02	—
Total persons	16 896	1 412	1 518	1 404	769	1 307	935	296	286	179	1 894	1 495	493	610	1 038	—
PLUMBING FACILITIES BY PERSONS PER ROOM																
Complete plumbing for exclusive use	8 366	562	1 034	369	475	838	639	198	212	155	999	806	269	426	1 016	30.9
1.01 or more persons per room	198	10	56	37	—	3	7	13	4	—	14	15	9	6	—	35.1
Lacking complete plumbing for exclusive use	133	—	12	—	—	21	—	—	—	13	12	17	—	20	3	34.4
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
Specified renter-occupied housing units																
Less than 15 percent	8 222	528	981	317	444	856	633	211	205	162	1 005	823	278	434	1 005	30.6
15 to 19 percent	1 677	117	304	98	134	188	218	107	92	46	80	76	38	65	75	31.5
20 to 24 percent	1 549	173	243	79	70	170	151	34	44	32	152	63	14	63	179	29.9
25 to 29 percent	1 305	77	114	40	25	46	116	19	19	36	140	194	84	87	168	30.5
30 to 34 percent	874	61	122	14	38	90	63	6	15	2	164	95	3	59	114	28.4
35 to 39 percent	560	31	54	24	10	28	29	6	6	—	64	108	24	60	83	31.5
40 to 49 percent	775	26	83	31	17	41	83	11	23	24	128	110	33	21	115	30.1
50 percent or more	1 119	23	22	7	32	51	38	14	—	15	264	171	78	60	231	29.4
Not computed	363	20	39	24	106	13	9	17	12	7	13	6	4	19	40	49.6
Median	22.7	19.0	18.4	18.1	17.1	24.8	18.1	14.1	15.5	19.9	28.8	29.0	26.7	24.6	27.7	—

Table A-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Male householder							Female householder						
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		
Owner-occupied housing units	2 495	984	103	319	123	194	245	1 511	62	133	42	363	911	
PLUMBING FACILITIES														
Complete plumbing for exclusive use	2 445	945	103	317	121	179	225	1 500	62	133	42	359	904	
Lacking complete plumbing for exclusive use	50	39	-	2	2	15	20	11	-	-	-	4	7	
UNITS IN STRUCTURE														
1, detached or attached	1 429	508	27	123	61	123	174	921	7	42	27	181	664	
2 or more	438	148	2	64	21	19	42	290	11	32	7	79	161	
Mobile home or trailer, etc.	628	328	74	132	41	52	29	300	44	59	8	103	86	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000	679	144	2	11	9	32	90	535	6	-	8	80	441	
\$5,000 to \$9,999	736	174	15	21	10	37	91	562	38	37	-	163	324	
\$10,000 to \$12,499	283	112	20	56	2	20	14	171	12	38	20	34	67	
\$12,500 to \$14,999	179	98	14	49	9	14	12	81	6	34	11	5	25	
\$15,000 to \$19,999	288	206	28	83	44	33	18	82	-	20	-	25	37	
\$20,000 to \$24,999	164	123	24	53	26	11	9	41	-	-	3	38	5	
\$25,000 to \$34,999	90	67	-	25	6	31	5	23	-	-	-	18	5	
\$35,000 to \$49,999	42	37	-	6	17	14	-	5	-	-	-	-	7	
\$50,000 or more	34	23	-	15	-	2	6	11	-	4	-	-	-	
Median	\$8 715	\$14 082	\$15 078	\$15 953	\$17 128	\$13 929	\$7 031	\$6 761	\$8 088	\$11 941	\$11 625	\$8 493	\$5 173	
Mean	\$11 266	\$15 613	\$14 243	\$19 240	\$19 066	\$15 432	\$9 876	\$8 435	\$8 397	\$12 688	\$10 379	\$10 495	\$6 907	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units	1 221	384	25	85	40	87	147	837	7	36	27	147	620	
With a mortgage	319	179	12	69	33	44	71	140	7	18	19	51	45	
Less than \$200	35	24	4	13	-	-	7	11	-	4	-	-	7	
\$200 to \$249	38	11	8	-	-	1	2	27	-	-	-	19	8	
\$250 to \$299	38	5	-	-	-	5	-	33	7	-	-	15	11	
\$300 to \$349	41	41	-	14	20	7	-	-	-	-	-	-	-	
\$350 to \$399	26	7	-	-	-	7	-	19	-	7	-	7	5	
\$400 to \$499	55	28	-	15	6	7	-	27	-	7	9	3	8	
\$500 to \$599	50	36	-	17	2	5	12	14	-	-	7	7	-	
\$600 to \$749	26	20	-	8	-	12	-	6	-	-	-	-	6	
\$750 or more	10	7	-	2	5	-	-	3	-	-	-	-	-	
Median	\$364	\$405	\$213	\$425	\$341	\$464	\$513	\$298	\$275	\$386	\$507	\$272	\$284	
Not mortgaged	902	205	13	16	7	43	126	697	-	18	8	96	575	
Less than \$50	28	17	-	2	-	2	13	11	-	-	-	-	11	
\$50 to \$74	177	35	3	8	-	11	13	142	-	18	-	14	110	
\$75 to \$99	171	42	8	1	7	6	20	129	-	-	-	12	117	
\$100 to \$124	182	32	2	-	-	3	27	150	-	-	-	39	111	
\$125 to \$149	173	32	-	-	-	15	17	141	-	-	-	10	131	
\$150 to \$199	141	42	-	-	-	6	36	99	-	-	8	21	70	
\$200 to \$249	21	5	-	5	-	-	-	16	-	-	-	-	16	
\$250 or more	9	-	-	-	-	-	-	9	-	-	-	-	9	
Median	\$110	\$107	\$86	\$69	\$88	\$121	\$116	\$111	-	\$63	\$175	\$114	\$111	
SELECTED CHARACTERISTICS														
Median selected monthly owner costs as percentage of household income in 1979	24.3	22.1	10-	28.1	30.7	14.8	22.4	25.3	27.5	17.0	41.7	24.8	24.8	
With a mortgage	31.1	28.6	13.8	30.9	28.6	18.6	50+	38.8	27.5	28.9	41.7	28.0	50+	
Not mortgaged	21.7	18.1	10-	10-	50+	10-	21.3	23.0	-	12.5	-	17.9	23.9	
Income in 1979 below poverty level	47.8	108	2	11	9	32	54	320	-	-	8	46	266	
Percent below poverty level	17.2	11.0	1.9	3.4	7.3	16.5	22.0	21.2	-	-	19.0	12.7	29.2	
Renter-occupied housing units	3 582	1 400	490	434	145	172	159	2 182	370	354	155	317	986	
PLUMBING FACILITIES														
Complete plumbing for exclusive use	3 491	1 350	475	427	132	168	148	2 141	358	348	146	306	983	
Lacking complete plumbing for exclusive use	91	50	15	7	13	4	11	41	12	6	9	11	3	
UNITS IN STRUCTURE														
1, detached or attached	217	122	28	34	9	30	21	95	9	11	-	11	64	
2	648	287	124	88	19	37	19	361	49	110	41	43	118	
3 and 4	573	179	67	38	13	28	33	394	101	53	16	56	168	
5 to 9	817	244	70	79	27	26	42	573	82	84	21	84	302	
10 or more	1 100	491	186	173	69	31	32	609	106	90	77	112	224	
Mobile home or trailer, etc.	150	33	-	6	-	15	12	117	14	6	-	-	97	
HOUSEHOLD INCOME IN 1979	77	44	15	16	8	5	-	33	9	-	-	11	13	
Less than \$5,000	1 177	258	113	23	15	23	84	919	172	16	48	99	584	
\$5,000 to \$9,999	1 121	373	151	130	16	37	39	748	130	170	63	98	287	
\$10,000 to \$12,499	407	167	90	50	6	21	-	240	55	98	7	52	28	
\$12,500 to \$14,999	256	143	50	61	15	9	8	113	13	35	29	21	15	
\$15,000 to \$19,999	301	200	35	96	32	29	8	101	-	27	8	40	26	
\$20,000 to \$24,999	162	119	35	31	13	32	8	43	-	8	-	7	28	
\$25,000 to \$34,999	108	108	16	29	30	21	12	-	-	-	-	-	-	
\$35,000 to \$49,999	44	26	-	14	12	-	-	18	-	-	-	-	18	
\$50,000 or more	6	6	-	6	-	-	-	-	-	-	-	-	-	
Median	\$7 922	\$11 033	\$9 391	\$13 074	\$18 203	\$13 889	\$4 812	\$6 215	\$5 663	\$9 790	\$8 006	\$8 717	\$4 496	
Mean	\$9 301	\$12 652	\$9 698	\$14 023	\$20 651	\$14 900	\$8 288	\$7 151	\$5 858	\$9 926	\$8 063	\$8 474	\$6 071	
GROSS RENT														
Specified renter-occupied housing units	3 542	1 377	487	430	145	161	154	2 165	370	354	155	314	972	
Less than \$100	556	163	43	9	13	23	75	393	5	-	9	31	348	
\$100 to \$149	554	212	90	68	14	16	24	342	72	38	33	42	157	
\$150 to \$199	836	277	112	104	11	35	15	559	163	98	13	52	233	
\$200 to \$249	818	318	111	100	34	45	28	500	84	126	71	87	132	
\$250 to \$299	566	280	100	96	44	34	6	286	41	80	29	67	69	
\$300 to \$349	129	74	25	37	12	-	-	55	5	12	-	30	8	
\$350 to \$399	13	13	6	7	-	-	-	-	-	-	-	-	-	
\$400 to \$499	-	-	-	-	-	-	-	-	-	-	-	-	-	
\$500 or more	-	-	-	-	-	-	-	-	-	-	-	-	-	
No cash rent	-	-	-	-	-	-	-	-	-	-	-	-	-	
Median	70	40	-	9	17	8	6	30	-	-	-	-	-	
Mean	\$187	\$203	\$200	\$223	\$223	\$202	\$99	\$181	\$189	\$216	\$224	\$211	\$145	
SELECTED CHARACTERISTICS														
Median gross rent as percentage of household income in 1979	25.1	19.9	23.9	20.2	13.9	15.2	19.7	29.0	39.1	27.7	24.7	27.4	27.9	
Income in 1979 below poverty level	802	181	81	15	7	10	68	621	145	16	15	70	375	
Percent below poverty level	22.4	12.9	16.5	3.5	4.8	5.8	42.8	28.5	39.2	4.5	9.7	22.1	38.0	

Table A—12. **Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

**The SMSA**

	Total	Less than 2 months	2 up to 6 months	6 or more months
<b>Vacant for sale only housing units</b> -----	<b>661</b>	<b>321</b>	<b>117</b>	<b>223</b>
<b>ROOMS</b>				
1 to 3 rooms -----	5	3	—	2
4 rooms -----	194	114	18	62
5 rooms -----	230	112	39	79
6 rooms -----	93	45	15	33
7 rooms -----	74	14	42	18
8 or more rooms -----	65	33	3	29
Median -----	5.1	4.9	5.6	5.1
<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use -----	641	321	109	211
Lacking complete plumbing for exclusive use -----	20	—	8	12
<b>BEDROOMS</b>				
None -----	—	—	—	—
1 -----	13	3	8	2
2 -----	308	152	52	104
3 -----	305	149	50	106
4 -----	33	17	5	11
5 or more -----	2	—	2	—
<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980 -----	472	243	76	153
1970 to 1974 -----	30	22	1	7
1960 to 1969 -----	43	18	9	16
1950 to 1959 -----	44	24	2	18
1940 to 1949 -----	13	12	—	1
1939 or earlier -----	59	2	29	28
<b>UNITS IN STRUCTURE</b>				
1, detached or attached -----	458	215	67	176
2 or more -----	126	87	22	17
Mobile home or trailer -----	77	19	28	30
<b>HEATING EQUIPMENT</b>				
Central heating system -----	641	314	117	210
Other means -----	17	7	—	10
None -----	3	—	—	3
<b>PRICE ASKED</b>				
<b>Specified vacant for sale only housing units</b> -----	<b>385</b>	<b>169</b>	<b>67</b>	<b>149</b>
Less than \$10,000 -----	10	—	—	10
\$10,000 to \$19,999 -----	7	2	4	1
\$20,000 to \$29,999 -----	30	—	15	15
\$30,000 to \$39,999 -----	20	17	3	—
\$40,000 to \$49,999 -----	63	41	2	20
\$50,000 to \$59,999 -----	80	51	8	21
\$60,000 to \$79,999 -----	94	20	29	45
\$80,000 to \$99,999 -----	79	38	6	35
\$100,000 or more -----	2	—	—	2
Median -----	\$58 100	\$54 700	\$63 800	\$65 900

**The SMSA**

	Total	Less than 2 months	2 up to 6 months	6 or more months
<b>Vacant for rent housing units</b> -----	<b>640</b>	<b>442</b>	<b>120</b>	<b>78</b>
<b>ROOMS</b>				
1 room -----	13	9	—	4
2 rooms -----	31	26	—	5
3 rooms -----	147	88	41	18
4 rooms -----	292	229	44	19
5 rooms -----	113	83	9	21
6 rooms -----	34	—	25	9
7 or more rooms -----	10	7	1	2
Median -----	3.9	3.9	3.9	4.1
<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use -----	632	436	120	76
Lacking complete plumbing for exclusive use -----	8	6	—	2
<b>BEDROOMS</b>				
None -----	17	13	—	4
1 -----	186	126	36	24
2 -----	329	244	51	34
3 -----	99	51	32	16
4 -----	4	4	—	—
5 or more -----	5	4	1	—
<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980 -----	285	219	59	7
1970 to 1974 -----	78	64	8	6
1960 to 1969 -----	39	33	5	1
1950 to 1959 -----	28	28	—	—
1940 to 1949 -----	43	24	6	13
1939 or earlier -----	167	74	42	51
<b>UNITS IN STRUCTURE</b>				
1, detached or attached -----	128	56	38	34
2 -----	76	53	9	14
3 and 4 -----	81	41	23	17
5 to 9 -----	144	117	20	7
10 to 49 -----	139	134	—	5
50 or more -----	13	13	—	—
Mobile home or trailer -----	59	28	30	1
<b>RENT ASKED</b>				
<b>Specified vacant for rent housing units</b> -----	<b>631</b>	<b>442</b>	<b>116</b>	<b>73</b>
Less than \$100 -----	57	16	17	24
\$100 to \$149 -----	83	36	44	3
\$150 to \$199 -----	127	99	14	14
\$200 to \$249 -----	175	140	15	20
\$250 to \$299 -----	86	78	6	2
\$300 to \$399 -----	77	67	—	10
\$400 or more -----	26	6	20	—
Median -----	\$216	\$226	\$148	\$178

Table A—13. **Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

**The SMSA**

	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)
<b>Total</b> -----	<b>385</b>	<b>10</b>	<b>37</b>	<b>83</b>	<b>253</b>	<b>2</b>	<b>58 100</b>
<b>PLUMBING FACILITIES</b>							
Complete plumbing for exclusive use -----	383	8	37	83	253	2	58 200
Lacking complete plumbing for exclusive use -----	2	2	—	—	—	—	10000—
<b>BEDROOMS</b>							
None -----	—	—	—	—	—	—	10000—
1 -----	2	2	—	—	—	—	50 500
2 -----	157	5	35	36	81	—	69 100
3 -----	192	1	—	35	154	2	56 300
4 -----	33	2	2	12	17	—	85 000
5 or more -----	1	—	—	—	1	—	—
<b>YEAR STRUCTURE BUILT</b>							
1975 to March 1980 -----	285	—	2	55	226	2	66 500
1970 to 1974 -----	5	—	—	—	5	—	81 700
1960 to 1969 -----	11	—	—	3	8	—	57 500
1950 to 1959 -----	31	—	—	22	9	—	39 600
1940 to 1949 -----	6	1	—	—	5	—	57 000
1939 or earlier -----	47	9	35	3	—	—	25 100
<b>UNITS IN STRUCTURE</b>							
1, detached or attached -----	385	10	37	83	253	2	58 100
2 or more -----	—	—	—	—	—	—	—
Mobile home or trailer -----	—	—	—	—	—	—	—

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units						
Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
385	10	37	83	253	2	58 100		631	57	210	261	77	26	216
383	8	37	83	253	2	58 200		623	55	204	261	77	26	217
2	2	—	—	—	—	10000—		8	2	6	—	—	—	103
—	—	—	—	—	—	—		17	—	15	2	—	—	109
2	2	—	—	—	—	10000—		186	13	96	62	15	—	177
157	5	35	36	81	—	50 500		324	36	86	157	45	—	230
192	1	—	35	154	2	69 100		96	4	9	40	17	26	282
33	2	2	12	17	—	56 300		4	—	4	—	—	—	105
1	—	—	—	1	—	85 000		4	4	—	—	—	—	50—
285	—	2	55	226	2	66 500		285	12	34	158	55	26	246
5	—	—	—	5	—	81 700		78	14	5	53	6	—	238
11	—	—	3	8	—	57 500		39	5	7	20	7	—	216
31	—	—	22	9	—	39 600		28	4	24	—	—	—	158
6	1	—	—	5	—	57 000		43	—	23	11	9	—	193
47	9	35	3	—	—	25 100		158	22	117	19	—	—	151
385	10	37	83	253	2	58 100		119	16	31	42	11	19	213
—	—	—	—	—	—	—		453	28	154	199	65	7	224
—	—	—	—	—	—	—		59	13	25	20	1	—	128



Table B-1. Value of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

## Bismarck city

## Specified owner-occupied housing units

## HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	7 578	61	107	232	413	1 414	1 811	2 547	586	333	74	58 500	61 300
<b>MARRIED-COUPLE FAMILIES</b>	6 363	—	39	131	340	1 162	1 531	2 230	544	316	70	59 800	63 400
15 to 24 years	143	—	—	6	18	28	51	33	7	—	—	55 700	54 000
25 to 34 years	1 718	—	—	7	48	306	459	648	159	86	5	60 700	64 000
35 to 44 years	1 530	—	—	—	47	192	333	734	138	63	23	64 200	67 600
45 to 64 years	2 375	—	29	61	126	450	584	703	213	167	42	58 800	64 500
65 years and over	597	—	10	57	101	186	104	112	27	—	—	46 700	48 400
<b>Male householder, no wife present</b>	401	23	34	40	24	66	84	108	17	5	—	51 400	48 900
15 to 24 years	9	—	—	—	9	—	—	—	—	—	—	32 500	32 500
25 to 34 years	125	23	—	20	—	27	20	25	5	5	—	46 900	46 200
35 to 44 years	55	—	—	—	—	14	9	27	5	—	—	66 400	63 100
45 to 64 years	93	—	8	8	—	14	12	44	7	—	—	61 400	57 500
65 years and over	119	—	26	12	15	11	43	12	—	—	—	45 500	39 900
<b>Female householder, no husband present</b>	814	36	34	61	49	186	196	209	25	12	4	51 700	51 500
15 to 24 years	7	—	—	7	—	—	—	—	—	—	—	26 300	26 300
25 to 34 years	58	18	—	—	—	7	21	5	7	—	—	51 300	43 000
35 to 44 years	166	—	—	7	—	45	43	59	—	12	—	56 000	59 900
45 to 64 years	229	—	19	17	16	47	54	58	18	—	—	52 800	51 600
65 years and over	354	20	15	30	33	87	78	87	—	—	4	49 200	49 400
Median age	44.9	28.7	63.4	59.3	57.8	47.9	44.4	41.5	43.1	45.0	47.4	...	...

## YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980	1 123	—	—	24	11	202	246	391	143	96	10	63 000	68 000
1975 to 1978	2 336	—	—	20	71	344	527	999	232	118	25	62 800	66 500
1970 to 1974	1 382	38	31	31	46	270	304	481	108	66	7	59 000	60 700
1960 to 1969	1 696	23	15	52	106	320	507	535	74	41	23	55 800	58 500
1959 or earlier	1 041	—	61	105	179	278	227	141	29	12	9	46 000	48 000

## ROOMS

1 to 3 rooms	76	20	7	25	—	15	5	—	4	—	—	24 600	29 000
4 rooms	627	41	4	61	94	218	122	82	5	—	—	45 900	43 800
5 rooms	1 498	—	40	61	120	415	413	426	10	13	—	52 300	52 400
6 rooms	1 278	—	22	31	95	239	372	408	99	12	—	55 900	57 500
7 rooms	1 387	—	30	26	50	273	421	441	72	65	9	57 000	60 400
8 or more rooms	2 712	—	4	28	54	254	478	1 190	396	243	65	67 700	73 600
Median	6.7	3.8	5.6	5.0	5.4	5.7	6.5	7.3	8.2	8.5+	8.5+	...	...

## BEDROOMS

None	4	—	—	—	—	—	—	—	4	—	—	85 000	85 000
1	68	20	—	24	—	15	—	5	—	—	—	24 200	26 800
2	1 291	41	34	100	183	423	294	191	25	—	—	46 800	46 500
3	3 513	—	57	93	151	734	897	1 244	238	76	23	57 900	59 800
4	2 128	—	12	8	79	207	484	860	267	186	25	64 300	69 700
5 or more	574	—	—	7	—	35	136	247	52	71	26	66 300	77 000

## YEAR STRUCTURE BUILT

1975 to March 1980	1 466	—	—	7	5	48	252	713	244	167	30	69 800	77 100
1970 to 1974	930	18	8	22	4	71	192	421	124	63	7	65 900	68 100
1960 to 1969	2 031	23	—	4	25	319	576	847	160	54	23	61 100	63 700
1950 to 1959	1 763	—	7	17	110	591	541	390	58	39	10	52 500	55 900
1940 to 1949	422	—	14	27	95	174	81	31	—	—	—	44 700	43 900
1939 or earlier	966	20	78	155	174	211	169	145	—	10	4	42 500	43 500

## HOUSEHOLD INCOME IN 1979

Less than \$5,000	269	20	25	15	28	53	49	69	6	—	4	49 100	48 900
\$5,000 to \$9,999	542	18	27	59	91	171	94	71	6	—	5	44 500	44 700
\$10,000 to \$12,499	363	—	29	34	41	83	102	67	7	—	—	49 600	47 100
\$12,500 to \$14,999	280	—	4	20	23	101	59	55	13	5	—	49 200	51 900
\$15,000 to \$19,999	871	23	—	44	69	215	191	270	34	17	8	53 200	56 200
\$20,000 to \$24,999	1 285	—	22	22	68	324	349	418	64	13	5	55 800	57 000
\$25,000 to \$34,999	2 098	—	—	17	50	325	624	835	200	47	—	60 500	62 700
\$35,000 to \$49,999	1 177	—	—	11	27	119	297	523	100	89	11	64 800	68 300
\$50,000 or more	693	—	—	10	16	23	46	239	156	162	41	81 400	88 900
Median	\$25 694	\$6 458	\$10 129	\$13 500	\$16 588	\$21 066	\$25 683	\$28 339	\$32 842	\$48 744	\$55 766	...	...
Mean	\$28 780	\$9 876	\$11 328	\$16 787	\$18 867	\$21 637	\$25 667	\$31 060	\$39 347	\$63 573	\$56 414	...	...

## MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979

<b>With a mortgage</b>	5 666	—	48	87	197	945	1 410	2 160	485	281	53	60 900	64 300
Less than 15 percent	1 559	—	22	40	60	200	422	584	107	114	10	60 900	64 400
15 to 19 percent	1 107	—	—	15	49	232	266	430	60	41	14	59 700	62 600
20 to 24 percent	1 009	—	—	18	34	195	241	336	126	48	11	60 600	65 000
25 to 29 percent	734	—	19	14	20	102	184	309	60	26	—	61 100	62 100
30 to 34 percent	477	—	7	—	12	55	147	201	48	7	—	61 000	62 500
35 percent or more	766	—	—	—	22	157	146	300	78	45	18	64 100	68 900
Not computed	14	—	—	—	—	4	4	—	6	—	—	53 800	63 600
Median	20.8	—	25.5	16.2	18.9	21.0	20.3	21.0	22.9	18.2	21.1	...	...
<b>Not mortgaged</b>	1 912	61	59	145	216	469	401	387	101	52	21	50 100	52 600
Less than 10 percent	900	23	—	38	79	229	214	184	84	37	12	52 900	58 000
10 to 14 percent	344	18	—	47	38	61	59	103	4	9	5	51 100	51 800
15 to 19 percent	230	—	34	11	26	32	70	44	13	—	—	51 400	47 500
20 to 24 percent	146	—	6	30	38	45	27	—	—	—	—	39 700	38 500
25 to 29 percent	76	—	—	15	7	36	19	—	—	6	—	47 800	48 600
30 to 34 percent	37	—	—	—	7	19	—	11	—	—	—	47 100	52 100
35 percent or more	171	20	19	4	28	39	12	45	—	—	4	46 200	47 000
Not computed	8	—	—	—	—	8	—	—	—	—	—	47 500	47 500
Median	10.8	12.1	19.3	13.7	13.8	10.1	10—	10.5	10—	10—	10—	...	...

## SELECTED CHARACTERISTICS

<b>Complete plumbing for exclusive use</b>	7 578	61	107	232	413	1 414	1 811	2 547	586	333	74	58 500	61 300
1.01 or more persons per room	120	—	—	17	4	31	24	40	4	—	—	52 200	52 700
<b>Lacking complete plumbing for exclusive use</b>	—	—	—	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Heating equipment</b>	7 578	61	107	232	413	1 414	1 811	2 547	586	333	74	58 500	61 300
Central heating system	7 456	41	99	217	407	1 367	1 794	2 538	586	333	74	58 800	61 700
<b>Air conditioning</b>	4 764	23	60	125	226	737	1 073	1 679	484	292	65	61 100	64 900
Central system	2 864	23	4	26	40	195	603	1 215	421	272	65	66 900	73 100
<b>Income in 1979 below poverty level</b>	230	20	15	4	30	53	40	56	12	—	—	49 000	47 200
Percent below poverty level	3.0	32.8	14.0	1.7	7.3	3.7	2.2	2.2	2.0	—	—	...	...

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

## Bismarck city

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units.....	6 175	376	537	1 030	1 318	1 662	627	221	189	80	135	241
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families.....	1 811	51	39	172	322	512	321	109	120	53	112	280
15 to 24 years.....	375	5	—	41	106	151	51	6	5	—	10	266
25 to 34 years.....	680	8	26	49	104	199	154	57	56	22	5	291
35 to 44 years.....	197	—	—	20	14	39	51	22	21	19	11	320
45 to 64 years.....	315	23	13	19	43	77	51	7	13	12	57	270
65 years and over.....	244	15	—	43	55	46	14	17	25	—	29	240
Male householder, no wife present.....	1 535	83	162	232	354	478	139	47	23	9	8	242
15 to 24 years.....	683	21	68	107	162	233	46	33	13	—	—	246
25 to 34 years.....	480	12	66	86	88	138	63	14	8	5	—	245
35 to 44 years.....	173	6	14	11	40	63	25	—	2	4	8	255
45 to 64 years.....	121	13	—	21	44	38	5	—	—	—	—	222
65 years and over.....	78	31	14	7	20	6	—	—	—	—	—	136
Female householder, no husband present.....	2 829	242	336	626	642	672	167	65	46	18	15	214
15 to 24 years.....	895	26	89	225	214	244	45	21	27	—	4	224
25 to 34 years.....	699	21	48	113	182	207	72	44	12	—	—	246
35 to 44 years.....	216	9	41	12	66	58	12	—	7	11	—	236
45 to 64 years.....	357	32	34	72	88	89	30	—	—	7	5	214
65 years and over.....	662	154	124	204	92	74	8	—	—	—	6	164
Median age.....	29.4	66.0	31.4	29.6	28.3	27.5	29.5	29.4	28.6	41.5	55.8	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	3 357	109	269	473	722	1 014	383	143	141	63	40	254
1975 to 1978.....	1 862	110	149	315	418	488	218	64	43	17	40	240
1970 to 1974.....	587	144	57	123	96	126	21	8	5	—	7	174
1960 to 1969.....	198	5	35	57	49	19	—	—	—	—	33	184
1959 or earlier.....	171	8	27	62	33	15	5	6	—	—	15	187
<b>ROOMS</b>												
1 room.....	116	26	61	18	8	—	—	—	3	—	—	134
2 rooms.....	489	144	91	109	119	26	—	—	—	—	—	157
3 rooms.....	1 570	91	229	473	400	334	25	—	—	—	18	197
4 rooms.....	2 607	95	121	298	547	1 063	353	81	17	5	27	260
5 rooms.....	786	20	35	73	150	170	179	64	60	16	19	281
6 rooms.....	368	—	—	42	87	62	48	39	36	27	27	289
7 or more rooms.....	239	—	—	17	7	7	22	37	73	32	44	410
Median.....	3.9	2.7	3.0	3.3	3.7	3.9	4.3	5.0	5.9	6.2	5.6	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
All income levels in 1979.....	6 175	376	537	1 030	1 318	1 662	627	221	189	80	135	241
Complete plumbing for exclusive use.....	6 101	345	518	1 030	1 312	1 651	620	221	189	80	135	242
0.50 or less.....	4 423	262	397	809	1 027	1 163	386	143	109	33	94	233
0.51 to 1.00.....	1 544	75	114	216	252	462	195	72	77	47	34	262
1.01 to 1.50.....	127	8	7	5	33	26	35	6	—	—	7	265
1.51 or more.....	7	—	—	—	—	—	4	—	3	—	—	344
Lacking complete plumbing for exclusive use.....	74	31	19	—	6	11	7	—	—	—	—	109
0.50 or less.....	59	23	19	—	6	11	—	—	—	—	—	109
0.51 to 1.00.....	15	8	—	—	—	—	7	—	—	—	—	89
1.01 to 1.50.....	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level.....	1 024	197	147	191	206	178	49	20	20	7	9	189
Complete plumbing for exclusive use.....	1 018	197	141	191	206	178	49	20	20	7	9	190
1.01 or more persons per room.....	48	8	—	—	16	6	18	—	—	—	—	262
Lacking complete plumbing for exclusive use.....	6	—	6	—	—	—	—	—	—	—	—	125
1.01 or more persons per room.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None.....	207	40	75	74	15	—	—	—	3	—	—	145
1.....	2 035	214	357	567	553	320	6	—	—	—	18	188
2.....	3 104	115	93	327	662	1 254	470	103	31	5	44	263
3.....	660	7	12	62	62	73	137	104	121	52	30	336
4.....	157	—	—	—	26	15	14	14	34	18	36	370
5 or more.....	12	—	—	—	—	—	—	—	—	5	7	500+
<b>UNITS IN STRUCTURE</b>												
1, detached or attached.....	548	10	12	52	65	76	54	49	84	56	90	313
2.....	1 186	31	141	314	222	177	122	96	64	10	9	219
3 and 4.....	814	37	130	209	222	148	54	8	3	—	—	205
5 to 9.....	1 361	87	95	198	238	551	141	27	—	11	13	255
10 to 49.....	1 948	109	151	206	488	672	233	41	25	—	23	250
50 or more.....	217	102	—	23	38	18	23	—	13	—	—	158
Mobile home or trailer, etc.....	101	—	8	28	45	20	—	—	—	—	—	230
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980.....	1 794	46	44	40	339	756	348	76	55	61	29	276
1970 to 1974.....	1 067	200	47	127	132	373	80	65	38	5	—	254
1960 to 1969.....	1 099	11	21	135	410	313	99	27	41	10	32	245
1950 to 1959.....	770	26	81	160	199	134	59	32	33	4	42	217
1940 to 1949.....	397	24	68	117	101	33	29	14	7	—	4	193
1939 or earlier.....	1 048	69	276	451	137	53	12	7	15	—	28	170
<b>STORIES IN STRUCTURE</b>												
1 to 3.....	6 001	274	516	1 009	1 299	1 656	627	221	184	80	135	244
4 or more.....	174	102	21	21	19	6	—	—	5	—	—	64
With elevator.....	143	102	7	21	8	—	—	—	5	—	—	53
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent.....	1 203	107	143	191	257	307	138	29	21	10	...	235
15 to 19 percent.....	1 175	132	77	126	264	338	159	39	24	16	...	248
20 to 24 percent.....	1 005	72	77	220	121	293	111	67	44	—	...	252
25 to 29 percent.....	668	43	22	140	142	158	78	33	39	13	...	245
30 to 34 percent.....	454	5	44	62	88	168	47	14	15	11	...	256
35 to 49 percent.....	574	—	39	111	174	162	29	19	21	19	...	237
50 percent or more.....	915	10	121	180	259	230	65	20	19	11	...	231
Not computed.....	181	7	14	—	13	6	—	—	6	—	135	210
Median.....	23.1	17.9	22.7	24.5	25.4	23.1	20.7	23.2	25.3	30.5	...	...
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment.....	6 175	376	537	1 030	1 318	1 662	627	221	189	80	135	241
Central heating system.....	5 953	370	489	962	1 247	1 648	619	221	189	80	128	244
Air conditioning.....	3 676	132	96	311	816	1 388	517	157	127	49	83	264
Central system.....	542	—	5	40	44	117	89	83	92	49	23	330

Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

## Bismarck city

## Owner-occupied housing units

## HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	10 249	424	937	653	536	1 306	1 763	2 586	1 263	781	23 375	26 381	347
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	7 884	106	404	364	343	953	1 551	2 334	1 140	689	25 743	29 194	127
15 to 24 years	323	6	11	28	28	92	68	67	23	—	19 650	20 738	6
25 to 34 years	2 285	6	38	65	90	312	677	787	223	87	24 609	26 894	25
35 to 44 years	1 655	10	28	22	38	124	325	656	255	197	29 253	32 791	33
45 to 64 years	2 780	31	91	112	88	340	408	737	625	328	29 620	32 983	43
65 years and over	841	53	236	137	99	85	73	67	14	77	12 400	19 094	20
Male householder, no wife present	816	36	103	74	70	167	112	121	74	59	18 306	22 228	26
15 to 24 years	64	—	6	—	4	13	23	18	—	—	21 324	21 081	—
25 to 34 years	334	7	16	27	41	64	51	65	31	32	21 429	25 557	7
35 to 44 years	110	—	7	—	7	54	11	9	17	5	17 679	22 621	—
45 to 64 years	151	8	25	12	10	28	19	24	15	10	17 228	20 993	8
65 years and over	157	21	49	35	8	8	5	11	12	12	10 607	16 526	11
Female householder, no husband present	1 549	282	430	215	123	186	100	131	49	33	10 727	14 247	194
15 to 24 years	65	6	31	12	11	5	—	—	—	—	9 297	9 598	—
25 to 34 years	243	20	61	64	44	33	6	5	4	11	582	12 935	25
35 to 44 years	239	14	22	48	20	53	36	24	4	18	16 107	21 641	14
45 to 64 years	446	49	149	21	22	32	50	87	30	6	12 955	17 645	27
65 years and over	556	193	167	70	26	63	8	14	10	5	7 415	9 459	128
Median age	44.0	69.2	63.8	56.1	42.7	41.1	36.2	40.2	46.6	47.1	...	...	61.7

## YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980	1 743	19	110	96	81	298	370	472	179	118	23 357	27 219	18
1975 to 1978	3 588	96	227	210	203	464	744	995	403	246	23 790	26 185	103
1970 to 1974	1 686	64	168	97	56	182	205	475	267	172	26 557	28 929	72
1960 to 1969	1 944	100	155	138	99	231	267	470	324	160	24 656	26 862	78
1959 or earlier	1 288	145	277	112	97	131	177	174	90	85	15 422	21 727	76

## SELECTED CHARACTERISTICS

Complete plumbing for exclusive use	10 237	424	937	653	536	1 306	1 763	2 574	1 263	781	23 356	26 377	347
1.01 or more persons per room	132	5	5	10	—	21	22	40	23	6	25 938	26 618	10
Lacking complete plumbing for exclusive use	12	—	—	—	—	—	—	12	—	—	29 643	29 667	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	10 249	424	937	653	536	1 306	1 763	2 586	1 263	781	23 375	26 381	347
Central heating system	10 081	398	898	648	536	1 300	1 734	2 545	1 258	764	23 415	26 427	327
Air conditioning	6 642	220	599	363	308	828	1 121	1 629	950	624	24 408	28 078	152
Central system	3 721	78	173	113	87	455	644	998	674	499	27 449	32 847	52
Vehicles available	9 991	308	840	641	518	1 291	1 763	2 586	1 263	781	23 799	26 897	255
1	2 352	200	546	315	204	378	265	266	129	49	13 909	16 825	128
2 or more	7 639	108	294	326	314	913	1 498	2 320	1 134	732	26 245	29 998	127
House heating fuel	10 249	424	937	653	536	1 306	1 763	2 586	1 263	781	23 375	26 381	347
Utility gas	9 835	413	915	632	536	1 235	1 677	2 453	1 221	753	23 280	26 190	340
Bottled, tank, or LP gas	4	—	—	—	—	—	—	—	—	—	35 472	35 005	—
Electricity	390	11	22	21	—	63	83	129	38	23	24 740	30 632	7
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	20	—	—	—	—	8	3	4	—	5	21 667	35 254	—
Median rooms	6.1	4.8	4.8	4.9	5.1	5.5	5.9	6.9	7.1	8.0	...	...	5.2

## Specified owner-occupied housing units

## MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS

With a mortgage	5 666	70	194	187	168	686	1 046	1 801	1 000	514	27 215	30 402	103
Less than \$200	87	—	5	14	4	23	19	9	11	2	19 653	22 781	—
\$200 to \$249	312	—	45	12	—	63	66	89	37	—	23 370	23 014	—
\$250 to \$299	493	21	25	39	17	65	88	135	86	17	23 583	25 492	8
\$300 to \$349	657	19	—	11	74	87	118	185	121	42	25 771	28 373	19
\$350 to \$399	567	5	32	25	6	82	101	126	136	54	26 654	29 289	17
\$400 to \$499	1 294	25	28	43	37	167	225	454	218	97	26 389	29 885	40
\$500 to \$599	1 051	—	18	30	12	76	258	431	157	69	26 607	30 311	—
\$600 to \$749	836	—	35	13	18	104	105	289	160	112	29 963	32 979	19
\$750 or more	369	—	6	—	—	19	66	83	74	121	30 040	46 555	—
Median	\$454	\$337	\$384	\$385	\$343	\$418	\$455	\$479	\$444	\$565	...	...	\$452
Not mortgaged	1 912	199	348	176	112	185	239	297	177	179	18 298	23 973	127
Less than \$50	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74	76	35	18	—	—	23	—	—	—	—	—	—	—
\$75 to \$99	50	22	22	—	—	—	6	—	—	—	5 417	8 779	20
\$100 to \$124	220	11	71	35	30	33	21	7	12	—	5 682	7 165	15
\$125 to \$149	492	45	114	64	31	50	92	51	33	12	12 000	13 857	4
\$150 to \$199	740	71	106	71	44	63	101	158	86	40	20 595	21 904	38
\$200 to \$249	195	5	7	6	7	10	19	56	28	57	32 494	45 236	5
\$250 or more	139	10	10	—	—	6	—	25	18	70	50 186	59 533	6
Median	\$158	\$142	\$139	\$146	\$146	\$143	\$150	\$179	\$175	\$233	...	...	\$141

## MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979

With a mortgage	5 666	70	194	187	168	686	1 046	1 801	1 000	514	27 215	30 402	103
Less than 15 percent	1 559	—	—	—	—	28	94	436	593	408	39 170	45 475	—
15 to 19 percent	1 107	—	—	7	4	90	239	436	267	64	30 208	31 508	—
20 to 24 percent	1 009	—	—	19	17	136	214	513	75	35	26 628	27 401	—
25 to 29 percent	734	—	36	25	56	112	204	257	37	7	23 740	23 258	—
30 to 34 percent	477	—	6	25	30	115	180	106	15	—	21 166	21 211	—
35 percent or more	766	56	152	111	61	205	115	53	13	—	15 062	15 201	89
Not computed	14	14	—	—	—	—	—	—	—	—	2500—	—	14
Median	20.8	50+	50+	38.5	31.2	29.0	24.4	20.3	13.8	10.7	...	...	50+
Not mortgaged	1 912	199	348	176	112	185	239	297	177	179	18 298	23 973	127
Less than 10 percent	900	—	—	—	—	102	185	267	172	174	30 077	39 136	—
10 to 14 percent	344	—	35	76	80	65	54	24	5	5	14 406	16 264	—
15 to 19 percent	230	4	99	77	32	12	—	6	—	—	10 390	11 094	—
20 to 24 percent	146	18	105	23	—	—	—	—	—	—	7 807	7 832	—
25 to 29 percent	76	7	63	—	—	—	—	—	—	—	6 615	7 353	—
30 to 34 percent	37	6	31	—	—	—	—	—	—	—	6 202	6 510	—
35 percent or more	171	156	15	—	—	—	—	—	—	—	2 650	3 066	119
Not computed	8	8	—	—	—	—	—	—	—	—	2500—	—	8
Median	10.8	48.7	21.9	15.8	13.5	10—	10—	10—	10—	10—	...	...	50+

Table B—4. **Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**Bismarck city**

Household income in 1979													Income in 1979 below poverty level
Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
Renter-occupied housing units	6 175	1 101	1 501	611	591	973	643	534	183	38	11 986	13 716	1 024
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	1 811	91	232	156	199	401	372	243	98	19	18 001	18 499	132
15 to 24 years	375	7	55	71	29	92	88	28	5	—	16 555	16 384	15
25 to 34 years	680	8	63	47	72	164	147	154	25	—	19 578	19 610	37
35 to 44 years	197	—	—	24	18	55	59	17	24	—	20 134	21 776	9
45 to 64 years	315	27	24	—	52	56	57	44	44	11	19 803	21 598	34
65 years and over	244	49	90	14	28	34	21	—	—	8	8 988	12 008	37
Male householder, no wife present	1 535	186	325	162	196	277	114	194	62	19	13 705	15 473	166
15 to 24 years	683	105	151	110	93	104	53	48	19	—	11 943	13 029	105
25 to 34 years	480	23	109	46	70	103	24	72	26	7	14 714	16 840	23
35 to 44 years	173	15	23	6	20	26	6	48	17	12	18 542	22 680	14
45 to 64 years	121	7	28	—	13	36	23	14	—	—	16 302	16 333	24
65 years and over	78	36	14	—	—	8	8	12	—	—	6 071	11 140	726
Female householder, no husband present	2 829	824	944	293	196	295	157	97	23	—	8 222	9 702	292
15 to 24 years	895	244	244	120	90	116	32	40	9	—	9 266	10 296	22
25 to 34 years	699	129	258	103	50	66	58	35	—	—	9 395	10 829	68
35 to 44 years	216	48	94	—	14	36	17	7	—	—	8 509	10 516	187
45 to 64 years	357	88	102	53	28	49	22	15	—	—	9 487	10 350	28.3
65 years and over	662	315	246	17	14	28	28	—	14	—	5 258	7 091	—
Median age	29.4	38.4	30.2	25.2	28.6	28.7	29.7	29.5	38.4	50.0	...	...	—
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	3 357	607	753	415	339	497	338	304	92	12	11 919	13 595	654
1975 to 1978	1 862	235	484	166	149	355	223	166	66	18	13 272	14 695	209
1970 to 1974	587	187	151	24	58	66	31	49	13	8	8 340	11 724	128
1960 to 1969	198	54	60	—	16	11	37	15	5	—	9 038	13 272	22
1959 or earlier	171	18	53	6	29	44	14	—	7	—	13 233	12 790	11
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	6 101	1 095	1 473	597	577	973	637	528	183	38	12 021	13 747	1 018
0.50 or less	4 423	888	1 170	438	435	655	353	320	135	29	10 876	12 907	699
0.51 to 1.00	1 544	188	289	143	136	282	259	195	43	9	15 265	15 965	271
1.01 to 1.50	127	19	14	16	6	32	22	13	5	—	17 650	15 741	48
1.51 or more	7	—	—	—	—	4	3	—	—	—	19 688	18 852	6
Lacking complete plumbing for exclusive use	74	6	28	14	14	—	6	6	—	—	10 536	11 202	6
0.50 or less	59	6	28	6	7	—	—	—	—	—	8 750	10 963	—
0.51 to 1.00	15	—	—	8	7	—	—	—	—	—	12 344	12 143	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS													
Heating equipment	6 175	1 101	1 501	611	591	973	643	534	183	38	11 986	13 716	1 024
Central heating system	5 953	1 062	1 429	591	570	947	623	510	183	38	12 054	13 772	999
Air conditioning	3 676	445	691	358	386	736	492	382	155	31	14 728	15 777	397
Central system	5 542	44	51	35	54	120	148	45	26	19	19 052	18 864	58
Vehicles available	5 356	673	1 251	570	562	930	621	528	183	38	13 319	14 845	707
1	2 907	590	963	389	291	331	159	122	48	14	9 519	11 189	516
2 or more	2 449	83	288	181	271	599	462	406	135	24	18 243	19 186	191
House heating fuel	6 175	1 101	1 501	611	591	973	643	534	183	38	11 986	13 716	1 024
Utility gas	5 692	970	1 382	592	527	945	594	478	170	34	12 086	13 781	907
Bottled, tank, or LP gas	32	6	6	—	13	—	7	—	—	—	13 269	12 764	6
Electricity	444	125	113	19	51	21	42	56	13	4	9 298	12 914	111
Fuel oil, kerosene, etc.	—	—	—	—	—	7	—	—	—	—	16 250	16 705	—
Other	7	—	—	—	—	—	—	—	—	—	—	—	—
Median rooms	3.9	3.4	3.6	3.7	3.9	4.0	4.1	4.2	4.7	6.0	...	...	3.7
Specified renter-occupied housing units	6 175	1 101	1 501	611	591	973	643	534	183	38	11 986	13 716	1 024
CONTRACT RENT													
Less than \$100	512	253	162	29	14	25	18	6	5	—	5 065	6 836	227
\$100 to \$149	644	195	226	83	24	68	26	17	5	—	8 066	9 073	139
\$150 to \$199	1 270	291	477	131	153	88	70	43	11	6	8 745	10 364	242
\$200 to \$249	1 696	193	406	185	201	327	181	177	26	—	13 296	14 106	192
\$250 to \$299	1 290	118	154	154	123	299	208	163	64	7	16 395	17 154	157
\$300 to \$349	411	28	38	18	50	75	91	77	26	8	19 863	20 494	37
\$350 to \$399	128	6	7	—	10	30	37	24	12	2	21 250	22 241	14
\$400 to \$499	69	—	7	—	8	19	5	8	17	5	20 250	25 577	7
\$500 or more	20	—	—	4	—	—	7	—	—	4	24 643	27 609	—
No cash rent	135	17	24	7	8	42	—	14	17	6	17 054	18 921	9
Median	\$219	\$160	\$185	\$225	\$230	\$245	\$255	\$256	\$274	\$319	...	...	\$174
GROSS RENT													
Less than \$100	376	221	110	21	—	18	—	6	—	—	4 542	5 515	197
\$100 to \$149	537	196	192	55	26	35	21	7	5	—	6 694	7 896	147
\$150 to \$199	1 030	236	427	106	103	61	59	22	10	6	8 593	10 060	191
\$200 to \$249	1 318	220	373	145	143	206	90	122	19	—	11 138	12 655	206
\$250 to \$299	1 662	142	303	226	174	371	231	172	43	—	14 799	15 364	178
\$300 to \$349	627	44	33	34	96	142	126	106	46	7	18 991	19 574	49
\$350 to \$399	221	13	19	7	14	59	58	29	7	15	19 917	21 451	20
\$400 to \$499	189	12	13	6	23	20	51	43	19	2	21 767	21 580	20
\$500 or more	80	—	7	4	4	19	7	13	17	9	24 643	27 025	7
No cash rent	135	17	24	7	8	42	—	14	17	6	17 054	18 921	9
Median	\$241	\$174	\$201	\$241	\$255	\$267	\$286	\$281	\$307	\$383	...	...	\$189
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	1 203	12	63	57	64	141	256	428	154	28	25 141	25 028	14
15 to 19 percent	1 175	80	110	75	149	406	279	60	12	4	17 451	16 614	116
20 to 24 percent	1 005	64	255	112	180	300	75	19	—	—	13 493	13 154	40
25 to 29 percent	668	43	228	181	119	58	26	13	—	—	10 870	11 333	48
30 to 34 percent	454	27	220	137	52	11	7	—	—	—	9 612	9 572	21
35 to 39 percent	574	95	407	38	19	15	—	—	—	—	6 860	7 380	82
40 to 49 percent	915	717	194	4	—	—	—	—	—	—	3 398	3 486	648
50 percent or more	181	63	24	7	—	42	—	14	17	6	11 250	13 841	55
Not computed	23.1	50+	31.9	26.6	22.2	19.0	16.2	12.6	10.0	10—	...	...	50+

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

**Bismarck city**

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
<b>Specified owner-occupied housing units</b>	<b>5 666</b>	<b>87</b>	<b>312</b>	<b>493</b>	<b>657</b>	<b>567</b>	<b>1 294</b>	<b>1 051</b>	<b>836</b>	<b>369</b>	<b>454</b>
<b>PERSONS IN UNIT</b>											
1 person	220	24	26	31	25	26	32	34	18	4	358
2 persons	1 187	26	105	130	120	122	214	228	167	75	435
3 persons	1 217	9	55	144	146	110	288	235	156	74	451
4 persons	1 723	11	54	96	193	202	461	320	269	117	465
5 persons	830	17	64	36	69	75	185	146	175	63	486
6 persons	366	—	8	43	79	27	84	73	32	20	439
7 persons	77	—	—	7	13	—	24	8	19	6	454
8 or more persons	46	—	—	6	12	5	6	7	—	10	400
Median	3.62	2.25	2.95	3.09	3.69	3.63	3.75	3.59	3.79	3.77	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
<b>Married-couple families</b>	<b>5 078</b>	<b>52</b>	<b>255</b>	<b>422</b>	<b>569</b>	<b>507</b>	<b>1 158</b>	<b>981</b>	<b>788</b>	<b>346</b>	<b>462</b>
15 to 24 years	143	—	—	6	6	6	41	37	42	5	534
25 to 34 years	1 665	6	8	11	92	86	431	527	355	149	538
35 to 44 years	1 481	—	40	101	191	169	370	319	211	80	464
45 to 64 years	1 683	36	169	287	262	240	311	98	173	107	368
65 years and over	106	10	38	17	18	6	5	—	7	5	265
<b>Male householder, no wife present</b>	<b>229</b>	<b>28</b>	<b>5</b>	<b>10</b>	<b>36</b>	<b>14</b>	<b>48</b>	<b>41</b>	<b>31</b>	<b>16</b>	<b>437</b>
15 to 24 years	9	—	—	—	—	—	—	—	—	—	255
25 to 34 years	97	13	—	5	—	—	—	—	—	—	449
35 to 44 years	50	—	—	—	7	—	39	19	14	5	425
45 to 64 years	48	4	5	—	18	7	9	5	—	11	386
65 years and over	25	7	—	5	5	—	—	5	17	—	346
<b>Female householder, no husband present</b>	<b>359</b>	<b>7</b>	<b>52</b>	<b>61</b>	<b>52</b>	<b>46</b>	<b>88</b>	<b>29</b>	<b>17</b>	<b>7</b>	<b>358</b>
15 to 24 years	7	—	—	—	—	—	—	—	—	—	175
25 to 34 years	40	—	—	7	—	—	—	—	—	—	371
35 to 44 years	120	—	5	7	5	7	16	—	—	—	444
45 to 64 years	150	—	33	43	17	15	39	24	11	7	299
65 years and over	42	—	7	11	30	14	25	5	—	—	365
Median age	39.9	49.5	53.6	49.3	44.7	44.5	37.5	34.1	35.3	37.4	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980	1 074	20	—	11	44	36	167	297	355	144	587
1975 to 1978	2 088	8	—	28	58	165	697	605	371	156	515
1970 to 1974	1 157	13	90	122	248	214	273	90	61	46	375
1960 to 1969	1 102	22	166	265	253	145	144	41	43	23	319
1959 or earlier	245	24	56	67	54	7	13	18	6	—	282
<b>ROOMS</b>											
1 to 3 rooms	20	13	—	—	—	—	—	—	—	—	188
4 rooms	241	12	11	31	52	19	57	37	17	5	388
5 rooms	1 098	26	121	138	134	91	298	162	105	23	414
6 rooms	957	23	51	102	130	139	151	194	119	48	424
7 rooms	1 068	6	62	51	132	75	292	212	170	68	466
8 or more rooms	2 282	7	67	171	209	243	496	439	425	225	489
Median	7.0	5.2	6.0	6.3	6.6	7.0	7.0	7.1	7.5	8.2	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980	1 381	6	—	11	24	71	295	391	362	221	573
1970 to 1974	804	7	6	15	120	70	216	153	150	67	486
1960 to 1969	1 605	13	126	182	253	228	375	177	196	55	400
1950 to 1959	1 158	26	73	205	183	124	249	176	96	26	387
1940 to 1949	171	—	12	36	18	22	43	34	6	—	394
1939 or earlier	547	35	95	44	59	52	116	120	26	—	389
<b>VALUE</b>											
Less than \$10,000	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999	48	—	41	7	—	—	—	—	—	—	—
\$20,000 to \$29,999	87	31	13	4	13	—	—	—	—	—	229
\$30,000 to \$39,999	197	18	40	62	26	10	16	—	—	—	248
\$40,000 to \$49,999	945	14	94	133	121	19	32	—	—	—	283
\$50,000 to \$59,999	1 410	11	80	166	259	140	280	143	20	—	389
\$60,000 to \$79,999	2 160	13	44	121	233	109	364	305	116	—	425
\$80,000 to \$99,999	485	—	—	—	5	237	451	477	474	110	496
\$100,000 to \$149,999	281	—	—	—	—	30	101	81	152	116	625
\$150,000 or more	53	—	—	—	—	22	40	39	74	106	680
Median	\$60 900	\$34 800	\$45 700	\$52 300	\$55 500	\$60 400	\$58 700	\$62 200	\$71 400	\$93 200	750+
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent	1 559	64	197	247	316	223	297	88	78	49	343
15 to 19 percent	1 107	11	58	105	156	135	317	159	136	30	424
20 to 24 percent	1 009	7	12	56	74	82	310	282	135	51	490
25 to 29 percent	734	5	31	25	57	65	116	257	141	37	526
30 to 34 percent	477	—	—	20	35	—	95	155	127	45	557
35 percent or more	766	—	14	40	19	62	145	110	219	157	594
Not computed	14	—	—	—	—	—	—	—	—	—	475
Median	20.8	11.2	13.2	15.0	15.4	17.2	20.4	24.9	27.4	31.9	...
<b>SELECTED CHARACTERISTICS</b>											
<b>Heating equipment</b>	<b>5 666</b>	<b>87</b>	<b>312</b>	<b>493</b>	<b>657</b>	<b>567</b>	<b>1 294</b>	<b>1 051</b>	<b>836</b>	<b>369</b>	<b>454</b>
Steam or hot water system	396	16	10	29	48	5	107	73	75	33	487
Central warm-air furnace or electric heat pump	5 064	71	286	440	603	555	1 157	902	741	309	448
Other built-in electric units	132	—	8	5	—	—	12	60	20	27	568
Floor, wall, or pipeless furnace	25	—	—	13	6	—	—	—	—	—	298
Other means	49	—	—	6	—	7	12	16	—	—	425
<b>Air conditioning</b>	<b>3 565</b>	<b>45</b>	<b>170</b>	<b>348</b>	<b>394</b>	<b>313</b>	<b>820</b>	<b>622</b>	<b>568</b>	<b>285</b>	<b>461</b>
Central system	2 288	5	53	138	219	247	512	402	445	267	494
1 or more individual room units	1 277	40	117	210	175	66	308	220	123	18	410
<b>House heating fuel</b>	<b>5 666</b>	<b>87</b>	<b>312</b>	<b>493</b>	<b>657</b>	<b>567</b>	<b>1 294</b>	<b>1 051</b>	<b>836</b>	<b>369</b>	<b>454</b>
Utility gas	5 451	87	304	488	638	562	1 277	972	794	369	449
Bottled, tank, or LP gas	4	—	—	—	—	—	—	—	—	—	—
Electricity	199	—	8	5	11	5	17	71	42	40	550
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	575
Other	12	—	—	—	8	—	—	4	—	—	338

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Bismarck city	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> -----	<b>1 912</b>	<b>—</b>	<b>76</b>	<b>50</b>	<b>220</b>	<b>492</b>	<b>740</b>	<b>195</b>	<b>139</b>	<b>158</b>
<b>PERSONS IN UNIT</b>										
1 person -----	383	—	47	28	30	133	120	16	9	141
2 persons -----	935	—	29	22	137	242	348	97	60	155
3 persons -----	265	—	—	—	45	46	99	46	29	171
4 persons -----	174	—	—	—	5	50	83	26	10	169
5 persons -----	99	—	—	—	—	6	74	10	9	179
6 persons -----	51	—	—	—	3	15	11	—	22	184
7 persons -----	—	—	—	—	—	—	—	—	—	—
8 or more persons -----	5	—	—	—	—	—	5	—	—	175
Median -----	2.11	—	1.31	1.39	2.08	1.97	2.22	2.34	2.52	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
<b>Married-couple families</b> -----	<b>1 285</b>	<b>—</b>	<b>6</b>	<b>17</b>	<b>162</b>	<b>336</b>	<b>508</b>	<b>137</b>	<b>119</b>	<b>162</b>
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	53	—	—	—	19	11	23	—	—	142
35 to 44 years -----	49	—	—	—	—	18	15	—	16	172
45 to 64 years -----	692	—	—	—	36	187	283	111	75	172
65 years and over -----	491	—	6	17	107	120	187	26	28	149
<b>Male householder, no wife present</b> -----	<b>172</b>	<b>—</b>	<b>23</b>	<b>5</b>	<b>—</b>	<b>36</b>	<b>92</b>	<b>16</b>	<b>—</b>	<b>162</b>
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	28	—	23	—	—	—	—	5	—	65
35 to 44 years -----	5	—	—	—	—	—	5	—	—	175
45 to 64 years -----	45	—	—	—	—	25	9	11	—	147
65 years and over -----	94	—	—	5	—	11	78	—	—	170
<b>Female householder, no husband present</b> -----	<b>455</b>	<b>—</b>	<b>47</b>	<b>28</b>	<b>58</b>	<b>120</b>	<b>140</b>	<b>42</b>	<b>20</b>	<b>145</b>
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	18	—	18	—	—	—	—	—	—	63
35 to 44 years -----	46	—	—	—	14	—	32	—	—	164
45 to 64 years -----	79	—	—	6	17	—	23	22	11	186
65 years and over -----	312	—	29	22	27	120	85	20	9	141
Median age -----	63.8	—	29.6	74.3	68.5	65.2	64.0	58.4	57.2	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 -----	49	—	—	—	31	—	18	—	—	120
1975 to 1978 -----	248	—	—	—	16	31	116	42	43	183
1970 to 1974 -----	225	—	38	—	14	42	63	43	25	165
1960 to 1969 -----	594	—	27	—	40	167	272	49	39	162
1959 or earlier -----	796	—	11	50	119	252	271	61	32	147
<b>ROOMS</b>										
1 to 3 rooms -----	56	—	20	7	12	—	13	4	—	102
4 rooms -----	386	—	46	10	73	174	67	16	—	134
5 rooms -----	400	—	10	14	67	112	169	17	11	149
6 rooms -----	321	—	—	19	26	63	181	22	10	165
7 rooms -----	319	—	—	—	37	70	160	32	20	166
8 or more rooms -----	430	—	—	—	5	73	150	104	98	196
Median -----	5.9	—	3.9	5.1	4.9	5.1	6.2	7.6	6.0	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 -----	85	—	—	—	11	13	36	10	15	176
1970 to 1974 -----	126	—	18	—	7	20	22	41	18	191
1960 to 1969 -----	426	—	23	—	10	57	242	56	38	175
1950 to 1959 -----	605	—	—	5	63	193	233	61	50	159
1940 to 1949 -----	251	—	6	12	45	100	73	5	10	141
1939 or earlier -----	419	—	29	33	84	109	134	22	8	140
<b>VALUE</b>										
Less than \$10,000 -----	61	—	61	—	—	—	—	—	—	63
\$10,000 to \$19,999 -----	59	—	6	7	8	8	30	—	—	151
\$20,000 to \$29,999 -----	145	—	4	11	84	32	14	—	—	117
\$30,000 to \$39,999 -----	216	—	—	25	33	89	69	—	—	139
\$40,000 to \$49,999 -----	469	—	—	7	84	193	164	16	5	144
\$50,000 to \$59,999 -----	401	—	5	—	5	111	244	30	6	166
\$60,000 to \$79,999 -----	387	—	—	—	—	59	207	85	36	182
\$80,000 to \$99,999 -----	101	—	—	—	6	—	12	59	24	228
\$100,000 to \$149,999 -----	52	—	—	—	—	—	—	5	47	250+
\$150,000 or more -----	21	—	—	—	—	—	—	—	21	250+
Median -----	\$50 100	—	\$10000—	\$32 100	\$36 400	\$47 000	\$52 700	\$71 100	\$98 800	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent -----	900	—	23	6	73	227	357	136	78	167
10 to 14 percent -----	344	—	18	11	71	83	103	29	29	147
15 to 19 percent -----	230	—	4	6	34	67	101	12	6	152
20 to 24 percent -----	146	—	11	12	27	39	51	6	—	140
25 to 29 percent -----	76	—	—	—	11	24	28	7	6	155
30 to 34 percent -----	37	—	—	—	—	13	19	—	5	164
35 percent or more -----	171	—	20	15	4	39	73	5	15	155
Not computed -----	8	—	—	—	—	—	—	—	—	175
Median -----	10.8	—	14.2	20.8	12.6	11.1	10.4	10—	10—	...
<b>SELECTED CHARACTERISTICS</b>										
<b>Heating equipment</b> -----	<b>1 912</b>	<b>—</b>	<b>76</b>	<b>50</b>	<b>220</b>	<b>492</b>	<b>740</b>	<b>195</b>	<b>139</b>	<b>158</b>
Steam or hot water system -----	240	—	—	5	29	37	110	34	25	172
Central warm-air furnace or electric heat pump -----	1 564	—	56	45	163	436	599	155	110	157
Other built-in electric units -----	31	—	—	—	7	—	14	6	4	180
Floor, wall, or pipeless furnace -----	4	—	—	—	—	—	4	—	—	175
Other means -----	73	—	20	—	21	19	13	—	—	120
<b>Air conditioning</b> -----	<b>1 199</b>	<b>—</b>	<b>27</b>	<b>24</b>	<b>125</b>	<b>310</b>	<b>429</b>	<b>171</b>	<b>113</b>	<b>163</b>
Central system -----	576	—	23	—	19	88	201	141	104	189
1 or more individual room units -----	623	—	4	24	106	222	228	30	9	145
<b>House heating fuel</b> -----	<b>1 912</b>	<b>—</b>	<b>76</b>	<b>50</b>	<b>220</b>	<b>492</b>	<b>740</b>	<b>195</b>	<b>139</b>	<b>158</b>
Utility gas -----	1 859	—	76	50	213	483	718	184	135	157
Bottled, tank, or LP gas -----	—	—	—	—	—	—	—	—	—	—
Electricity -----	45	—	—	—	7	6	22	6	4	172
Fuel oil, kerosene, etc. -----	—	—	—	—	—	—	—	—	—	—
Other -----	8	—	—	—	—	3	—	5	—	210

Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B.)

**Bismarck city****Occupied housing units****HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER**

<b>Married-couple families</b> .....	7 884	2 048	1 104	1 943	1 999	790
15 to 24 years.....	323	149	27	53	63	31
25 to 34 years.....	2 285	1 034	313	324	431	183
35 to 44 years.....	1 655	460	324	481	273	117
45 to 64 years.....	2 780	360	382	938	833	267
65 years and over.....	841	45	58	147	399	192
<b>Male householder, no wife present</b> .....	816	230	140	141	159	146
15 to 24 years.....	64	42	13	—	—	9
25 to 34 years.....	334	124	56	68	41	45
35 to 44 years.....	110	31	33	23	16	7
45 to 64 years.....	151	33	19	29	46	24
65 years and over.....	157	—	19	21	56	61
<b>Female householder, no husband present</b> .....	1 549	311	261	286	401	290
15 to 24 years.....	65	27	5	14	13	6
25 to 34 years.....	243	105	67	37	18	16
35 to 44 years.....	239	40	51	77	51	20
45 to 64 years.....	446	106	68	73	132	67
65 years and over.....	556	33	70	85	187	181
<b>Median age</b> .....	44.0	33.4	40.9	46.4	52.8	55.9

**YEAR HOUSEHOLDER MOVED INTO UNIT**

1979 to March 1980.....	1 743	939	183	212	285	124
1975 to 1978.....	3 588	1 650	632	554	526	226
1970 to 1974.....	1 686	—	690	486	294	216
1960 to 1969.....	1 944	—	—	1 118	569	257
1959 or earlier.....	1 288	—	—	—	885	403

**ROOMS**

1 room.....	4	—	—	—	4	—
2 rooms.....	24	—	19	5	—	—
3 rooms.....	185	46	12	29	24	74
4 rooms.....	1 576	368	294	213	511	190
5 rooms.....	2 414	766	372	477	555	244
6 rooms.....	1 644	411	179	375	430	249
7 or more rooms.....	4 402	998	629	1 271	1 035	469
<b>Median</b> .....	6.1	5.8	5.8	6.7	5.9	5.9

**PLUMBING FACILITIES BY PERSONS PER ROOM**

<b>Complete plumbing for exclusive use</b> .....	10 237	2 589	1 505	2 370	2 554	1 219
0.50 or less.....	6 639	1 521	888	1 550	1 792	888
0.51 to 1.00.....	3 466	1 052	600	776	735	303
1.01 to 1.50.....	128	16	17	44	23	28
1.51 or more.....	4	—	—	—	4	—
<b>Lacking complete plumbing for exclusive use</b> .....	12	—	—	—	5	7
0.50 or less.....	12	—	—	—	5	7
0.51 to 1.00.....	—	—	—	—	—	—
1.01 to 1.50.....	—	—	—	—	—	—
1.51 or more.....	—	—	—	—	—	—

**PERSONS IN UNIT**

1 person.....	1 303	283	220	180	317	303
2 persons.....	3 046	638	281	699	1 045	383
3 persons.....	1 958	558	302	448	436	214
4 persons.....	2 307	689	443	623	415	137
5 persons.....	1 065	335	170	255	220	85
6 or more persons.....	570	86	89	165	126	104
<b>Median</b> .....	2.90	3.17	3.33	3.18	2.42	2.31
<b>Total persons</b> .....	31 894	8 552	5 076	7 826	7 172	3 268

**UNITS IN STRUCTURE**

1, detached or attached.....	7 817	1 660	931	2 046	2 214	966
2.....	600	45	33	73	263	186
3 and 4.....	137	18	6	22	28	63
5 to 9.....	148	104	12	—	27	5
10 to 49.....	85	54	25	—	6	—
50 or more.....	50	—	50	—	—	—
<b>Mobile home or trailer, etc.</b> .....	1 412	708	448	229	27	—

**SELECTED CHARACTERISTICS**

<b>Heating equipment</b> .....	10 249	2 589	1 505	2 370	2 559	1 226
Steam or hot water system.....	991	195	141	201	189	265
Central warm-air furnace or electric heat pump.....	8 745	2 209	1 311	2 098	2 257	870
Other built-in electric units.....	225	155	12	8	20	30
Floor, wall, or pipeless furnace.....	120	12	36	47	7	18
Other means.....	168	18	5	16	86	43
<b>Air conditioning</b> .....	6 642	1 707	1 021	1 641	1 653	620
Central system.....	3 721	1 339	728	938	609	107
1 or more individual room units.....	2 921	368	293	703	1 044	513
<b>House heating fuel</b> .....	10 249	2 589	1 505	2 370	2 559	1 226
Utility gas.....	9 835	2 304	1 475	2 335	2 531	1 190
Bottled, tank, or LP gas.....	4	—	—	—	—	—
Electricity.....	390	281	25	31	20	33
Fuel oil, kerosene, etc.....	—	—	—	—	—	—
Other.....	20	—	5	4	8	3
<b>Income in 1979 below poverty level</b> .....	347	46	37	68	71	125
Percent below poverty level.....	3.4	1.8	2.5	2.9	2.8	10.2

**HOUSEHOLD INCOME IN 1979**

Less than \$5,000.....	424	42	55	76	116	135
\$5,000 to \$9,999.....	937	159	109	159	319	191
\$10,000 to \$12,499.....	653	121	111	168	117	136
\$12,500 to \$14,999.....	536	135	74	102	162	63
\$15,000 to \$19,999.....	1 306	368	197	328	293	120
\$20,000 to \$24,999.....	1 763	560	229	336	430	208
\$25,000 to \$34,999.....	2 586	682	424	566	664	250
\$35,000 to \$49,999.....	1 263	335	153	393	294	88
\$50,000 or more.....	781	187	153	242	164	35
<b>Median</b> .....	\$23 375	\$24 126	\$24 395	\$25 282	\$22 416	\$18 462
<b>Mean</b> .....	\$26 381	\$27 464	\$28 503	\$28 297	\$25 109	\$20 436

**Owner-occupied housing units****Renter-occupied housing units**

Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
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10 249	2 589	1 505	2 370	2 559	1 226	6 175	1 794	1 067	1 099	1 167	1 048
--------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

1 811	547	382	418	342	122	1 811	547	382	418	342	122
375	203	45	67	34	26	375	203	45	67	34	26
680	181	158	143	161	37	680	181	158	143	161	37
197	66	55	59	17	—	197	66	55	59	17	—
315	65	64	64	89	33	315	65	64	64	89	33
244	32	60	85	41	26	244	32	60	85	41	26
1 535	552	150	221	330	282	1 535	552	150	221	330	282
683	277	59	79	161	107	683	277	59	79	161	107
480	188	59	54	80	99	480	188	59	54	80	99
173	68	—	33	48	24	173	68	—	33	48	24
121	7	20	35	29	30	121	7	20	35	29	30
78	12	12	20	12	22	78	12	12	20	12	22
2 829	695	535	460	495	644	2 829	695	535	460	495	644
895	269	143	132	169	182	895	269	143	132	169	182
699	257	148	74	107	113	699	257	148	74	107	113
216	63	35	44	30	44	216	63	35	44	30	44
357	71	48	82	68	88	357	71	48	82	68	88
181	35	161	128	121	217	181	35	161	128	121	217
171	—	—	—	67	68	171	—	—	—	67	68
—	—	—	—	50	121	—	—	—	—	50	121

3 357	1 301	533	488	610	425	3 357	1 301	533	488	610	425
1 862	493	346	371	317	335	1 862	493	346	371	317	335
587	—	188	177	123	99	587	—	188	177	123	99
198	—	—	63	67	68	198	—	—	63	67	68
171	—	—	—	50	121	171	—	—	—	50	121

116	—	37	—	23	56	116	—	37	—	23	56
489	62	136	60	58	173	489	62	136	60	58	173
1 570	455	119	202	359	435	1 570	455	119	202	359	435
2 607	879	524	547	435	222	2 607	879	524	547	435	222
786	299	119	188	124	56	786	299	119	188	124	56
368	50	83	49	124	62	368	50	83	49	124	62
239	49	49	53	44	44	239	49	49	53	44	44
3.9	3.9	4.0	4.0	3.8	3.2	3.9	3.9	4.0	4.0	3.8	3.2

6 101	1 794	1 056	1 086	1 153	1 012	6 101	1 794	1 056	1 086	1 153	1 012
4 423	1 264	643	791	931	794	4 423	1 264	643	791	931	794
1 544	501	359	275	201	208	1 544	501	359	275	201	208
127	29	54	20	14	10	127	29	54	20	14	10
7	—	—	—	7	—	7	—	—	—	7	—
74	—	11	13	14	36	74	—	11	13	14	36
59	—	11	6	6	36	59	—	11	6	6	36
15	—	—	7	8	—	15	—	—	7	8	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—

2 682	657	351	386	584	704	2 682	657	351	386	584	704
2 052	731	344	423	329	225	2 052	731	344	423	329	225
800	255	145	167	148	85	800	255	145	167	148	85
393	97	152	61	63	20	393	97	152	61	63	20
142	39	36	47	16	4	142	39	36	47	16	4
106	15	39	15	27	10	106	15	39	15	27	10
1.70	1.83	2.03	1.89	1.50	1.24	1.70	1.83	2.03	1.89	1.50	1.24
11 890	3 660	2 271	2 320	2 129	1 510	11 890	3 660	2 271	2 320	2 129	1 510

7	817	1	660	931	2	046	2	214	966	548	113	68	121	158	88
	600		45	33		73		263	186	1	186	76	116	180	596
	137			6	22				63		814	39	36	225	232
	148		104	12			27	5		1	361	481	305	240	112
	85		54	25						1	948	1	048	327	280
	50			50							217	8	190	11	
1	412		708	448	229	27					101	29	25	42	5

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## Bismarck city

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mo'te home or trailer, etc.
Occupied housing units .....	10 249	7 817	1 020	1 412	6 175	548	1 186	814	1 361	1 948	217	101
Condominium housing units .....	394	174	220	—	31	5	8	3	15	—	—	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families .....	7 884	6 507	544	833	1 811	382	365	183	383	417	49	32
15 to 24 years .....	323	143	16	164	375	35	65	30	96	141	—	8
25 to 34 years .....	2 285	1 794	130	361	680	137	179	41	153	154	7	9
35 to 44 years .....	1 655	1 544	56	55	197	52	52	10	34	26	8	15
45 to 64 years .....	2 780	2 417	196	167	315	102	53	42	74	36	8	—
65 years and over .....	841	609	146	86	244	56	16	60	26	60	52	—
Male householder, no wife present .....	816	466	156	194	1 535	73	325	189	271	604	52	21
15 to 24 years .....	64	14	—	50	683	40	156	86	90	298	—	13
25 to 34 years .....	334	164	90	80	480	7	112	44	85	199	25	8
35 to 44 years .....	110	68	21	21	173	13	27	19	51	63	—	—
45 to 64 years .....	151	93	20	38	121	8	30	14	25	29	15	—
65 years and over .....	157	127	25	5	78	5	—	26	20	15	12	—
Female householder, no husband present .....	1 549	844	320	385	2 829	93	496	442	707	927	116	48
15 to 24 years .....	65	7	16	42	895	9	138	182	236	281	14	35
25 to 34 years .....	243	64	41	138	699	8	188	77	183	226	12	5
35 to 44 years .....	239	166	22	51	216	38	34	16	29	99	—	—
45 to 64 years .....	446	246	98	102	357	18	45	65	98	123	—	8
65 years and over .....	556	361	143	52	662	20	91	102	161	198	90	—
Median age .....	44.0	44.7	52.9	31.9	29.4	39.1	28.6	31.5	28.9	28.2	70.4	23.9
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980 .....	1 743	1 201	193	349	3 357	220	643	349	784	1 218	66	77
1975 to 1978 .....	3 588	2 466	304	818	1 862	211	381	254	382	550	60	24
1970 to 1974 .....	1 686	1 392	141	153	587	50	75	118	142	111	91	—
1960 to 1969 .....	1 944	1 710	148	86	198	31	48	34	34	51	—	—
1959 or earlier .....	1 288	1 048	234	6	171	36	39	59	19	18	—	—
<b>ROOMS</b>												
1 room .....	4	4	—	—	116	—	—	15	8	78	15	—
2 rooms .....	24	—	14	10	489	5	38	66	87	207	86	—
3 rooms .....	185	72	70	43	1 570	19	386	220	305	566	74	—
4 rooms .....	1 576	656	370	550	2 607	125	368	410	747	874	21	62
5 rooms .....	2 414	1 583	265	566	786	106	181	75	185	200	16	23
6 rooms .....	1 644	1 328	154	162	368	129	158	28	14	23	—	16
7 or more rooms .....	4 402	4 174	147	81	239	164	55	—	15	—	5	—
Median .....	6.1	6.7	4.7	4.7	3.9	5.6	4.0	3.8	3.9	3.6	2.6	4.3
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use .....	10 237	7 817	1 008	1 412	6 101	548	1 173	793	1 329	1 940	217	101
0.50 or less .....	6 639	5 036	800	803	4 423	324	884	644	955	1 390	154	72
0.51 to 1.00 .....	3 466	2 661	208	597	1 544	192	282	139	310	529	63	29
1.01 to 1.50 .....	128	116	—	12	127	28	7	7	64	21	—	—
1.51 or more .....	4	4	—	—	7	4	—	3	—	—	—	—
Lacking complete plumbing for exclusive use .....	12	—	12	—	74	—	13	21	32	8	—	—
0.50 or less .....	12	—	12	—	59	—	6	21	24	8	—	—
0.51 to 1.00 .....	—	—	—	—	15	—	7	—	8	—	—	—
1.01 to 1.50 .....	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None .....	4	4	—	—	207	—	—	36	22	134	15	—
1 .....	193	68	88	37	2 035	27	430	279	385	760	154	—
2 .....	2 641	1 390	582	669	3 104	158	514	473	905	938	32	84
3 .....	4 611	3 625	292	694	660	209	234	26	42	116	16	17
4 .....	2 216	2 156	48	12	157	142	8	—	7	—	—	—
5 or more .....	584	574	10	—	12	12	—	—	—	—	—	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000 .....	424	270	94	60	1 101	47	179	189	206	358	93	29
\$5,000 to \$9,999 .....	937	555	156	226	1 501	98	327	223	331	470	39	13
\$10,000 to \$12,499 .....	653	368	93	192	611	25	117	94	147	193	12	23
\$12,500 to \$14,999 .....	536	290	101	145	591	45	133	90	132	166	11	14
\$15,000 to \$19,999 .....	1 306	901	137	268	973	148	162	98	193	352	14	6
\$20,000 to \$24,999 .....	1 763	1 353	153	257	643	70	122	63	179	187	13	9
\$25,000 to \$34,999 .....	2 586	2 181	208	197	534	59	114	37	127	161	29	7
\$35,000 to \$49,999 .....	1 263	1 197	35	31	183	43	25	12	36	61	6	—
\$50,000 or more .....	781	702	43	36	38	13	7	8	10	—	—	—
Median .....	\$23 375	\$25 636	\$17 089	\$16 461	\$11 986	\$17 458	\$11 859	\$9 892	\$12 440	\$11 891	\$6 685	\$10 924
Mean .....	\$26 381	\$28 683	\$19 814	\$18 380	\$13 716	\$18 318	\$13 821	\$11 408	\$14 195	\$13 429	\$11 171	\$10 679
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment .....	10 249	7 817	1 020	1 412	6 175	548	1 186	814	1 361	1 948	217	101
Steam or hot water system .....	991	656	302	33	3 081	82	143	266	985	1 448	107	—
Central warm-air furnace or electric heat pump .....	8 745	6 840	634	1 271	2 567	421	890	461	316	268	110	101
Other built-in electric units .....	225	170	43	12	258	19	9	30	29	171	—	—
Floor, wall, or pipeless furnace .....	120	29	6	85	97	—	—	18	24	55	—	—
Other means .....	168	122	35	11	222	26	144	39	7	6	—	—
Air conditioning .....	6 642	4 962	664	1 016	3 676	295	316	301	970	1 556	173	65
Central system .....	3 721	3 030	222	469	542	105	127	76	66	130	13	25
Vehicles available .....	9 991	7 652	958	1 381	5 356	528	1 026	686	1 174	1 727	119	96
1 .....	2 352	1 381	437	534	2 907	210	531	431	610	980	79	66
2 or more .....	7 639	6 271	521	847	2 449	318	495	255	564	747	40	30
House heating fuel .....	10 249	7 817	1 020	1 412	6 175	548	1 186	814	1 361	1 948	217	101
Utility gas .....	9 835	7 508	950	1 377	5 692	514	1 107	740	1 286	1 727	217	101
Bottled, tank, or LP gas .....	4	—	—	—	32	—	—	7	—	—	—	—
Electricity .....	390	285	70	35	444	34	61	67	61	221	—	—
Fuel oil, kerosene, etc. .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	20	20	—	—	7	—	—	—	7	—	—	—
Water heating fuel .....	10 249	7 817	1 020	1 412	6 175	548	1 186	814	1 361	1 948	217	101
Utility gas .....	9 422	7 205	900	1 317	5 496	492	1 039	768	1 271	1 622	212	92
Bottled, tank, or LP gas .....	69	63	6	—	37	—	12	7	7	6	5	—
Electricity .....	758	549	114	95	642	56	135	39	83	320	—	9
Fuel oil, kerosene, etc. .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	—	—	—	—	—	—	—	—	—	—	—	—
Family householder .....	8 763	7 039	652	1 072	2 656	452	560	270	581	678	49	66
With own children under 18 years .....	5 178	4 295	240	643	1 377	272	342	80	281	341	16	45
With own children under 6 years .....	2 390	1 875	119	396	902	152	214	45	208	246	—	37
Female householder, no husband present .....	684	384	105	195	716	51	146	65	178	242	—	34
With own children under 18 years .....	400	207	51	142	498	39	118	30	124	159	—	28
With own children under 6 years .....	103	29	16	58	292	11	69	13	82	89	—	28
Nonfamily householder .....	1 486	778	368	340	3 519	96	626	544	780	1 270	168	35
Income in 1979 below poverty level .....	347	231	62	54	1 024	42	168	171	215	329	70	29
Percent below poverty level .....	3.4	3.0	6.1	3.8	16.6	7.7	14.2	21.0	15.8	16.9	32.3	28.7



Table B-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**Bismarck city**

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b>	<b>10 249</b>	<b>1 303</b>	<b>3 046</b>	<b>1 958</b>	<b>2 307</b>	<b>1 065</b>	<b>437</b>	<b>82</b>	<b>51</b>	<b>2.90</b>	<b>31 894</b>
Nonrelatives present	321	-	157	71	33	30	23	-	7	2.55	998
<b>ROOMS</b>											
1 to 3 rooms	213	119	94	-	-	-	-	-	-	1.39	306
4 rooms	1 576	534	675	195	148	18	6	-	-	1.88	3 219
5 rooms	2 414	318	782	492	567	191	64	-	-	2.72	7 107
6 rooms	1 644	158	539	354	393	146	37	12	5	2.85	4 982
7 rooms	1 586	118	411	331	418	205	74	12	17	3.30	5 314
8 or more rooms	2 816	56	545	586	781	505	256	58	29	3.78	10 966
Median	6.1	4.5	5.5	6.3	6.6	7.4	7.8	8.0	8.2	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>Complete plumbing for exclusive use</b>	<b>10 237</b>	<b>1 303</b>	<b>3 034</b>	<b>1 958</b>	<b>2 307</b>	<b>1 065</b>	<b>437</b>	<b>82</b>	<b>51</b>	<b>2.90</b>	<b>31 869</b>
1.00 or less	10 105	1 303	3 030	1 958	2 307	1 047	367	70	23	2.87	31 102
1.01 to 1.50	128	-	-	-	-	-	70	12	28	6.16	754
1.51 or more	4	-	4	-	-	18	-	-	-	2.00	13
<b>Lacking complete plumbing for exclusive use</b>	<b>12</b>	<b>-</b>	<b>12</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2.00</b>	<b>25</b>
1.00 or less	12	-	12	-	-	-	-	-	-	2.00	25
1.01 to 1.50	-	-	-	-	-	-	-	-	-	2.00	25
1.51 or more	-	-	-	-	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	7 817	672	2 201	1 538	1 913	938	427	77	51	3.17	25 600
2 or more	1 020	329	411	135	106	29	10	-	-	1.94	2 338
Mobile home or trailer, etc.	1 412	302	434	285	288	98	-	5	-	2.43	3 956
<b>VALUE</b>											
<b>Specified owner-occupied housing units</b>	<b>7 578</b>	<b>603</b>	<b>2 122</b>	<b>1 482</b>	<b>1 897</b>	<b>929</b>	<b>417</b>	<b>77</b>	<b>51</b>	<b>3.22</b>	<b>25 007</b>
Less than \$10,000	61	38	23	-	-	-	-	-	-	1.30	26
\$10,000 to \$19,999	107	38	36	7	4	22	-	-	-	1.93	129
\$20,000 to \$29,999	232	74	89	42	-	-	-	-	-	1.97	560
\$30,000 to \$39,999	413	42	202	78	48	26	17	-	-	2.31	1 144
\$40,000 to \$49,999	1 414	150	468	267	290	128	77	28	6	2.83	3 907
\$50,000 to \$59,999	1 811	130	508	363	515	187	83	13	12	3.24	6 219
\$60,000 to \$79,999	2 547	122	580	507	730	394	167	19	28	3.59	9 332
\$80,000 to \$99,999	586	5	120	133	219	74	19	11	5	3.66	2 154
\$100,000 to \$149,999	333	-	86	64	86	75	22	-	-	3.69	1 238
\$150,000 or more	74	4	10	21	5	23	5	6	-	3.90	298
Median	\$58 500	\$47 400	\$53 700	\$59 600	\$61 700	\$64 600	\$60 400	\$57 900	\$63 400	...	...
<b>SELECTED CHARACTERISTICS</b>											
<b>All income levels in 1979</b>	<b>10 249</b>	<b>1 303</b>	<b>3 046</b>	<b>1 958</b>	<b>2 307</b>	<b>1 065</b>	<b>437</b>	<b>82</b>	<b>51</b>	<b>2.90</b>	<b>31 894</b>
Median income	\$23 375	\$9 701	\$20 980	\$25 663	\$27 264	\$28 165	\$27 232	\$28 333	\$38 500	...	...
Median selected monthly owner costs as percentage of household income	18.6	27.7	17.1	17.7	19.7	18.0	15.5	22.3	13.3	...	...
With a mortgage	20.8	35.2	21.2	20.2	20.8	20.0	17.7	22.3	14.2	...	...
Not mortgaged	10.8	23.8	10.6	10	10	10	10	10	10	...	...
<b>Income in 1979 below poverty level</b>	<b>347</b>	<b>171</b>	<b>80</b>	<b>24</b>	<b>12</b>	<b>16</b>	<b>22</b>	<b>11</b>	<b>11</b>	<b>1.53</b>	<b>...</b>
Median income	\$2 848	\$2500	\$2 500	\$3 864	\$5 625	\$6 250	\$7 885	\$7 708	\$4 792	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...
Not mortgaged	50+	50+	50+	50+	50+	50+	50+	50+	50+	...	...
<b>Renter-occupied housing units</b>	<b>6 175</b>	<b>2 682</b>	<b>2 052</b>	<b>800</b>	<b>393</b>	<b>142</b>	<b>44</b>	<b>37</b>	<b>25</b>	<b>1.70</b>	<b>11 890</b>
Nonrelatives present	1 002	-	703	211	76	12	-	-	-	2.21	2 366
<b>ROOMS</b>											
1 room	116	113	-	3	-	-	-	-	-	1.01	119
2 rooms	489	444	45	-	-	-	-	-	-	1.05	557
3 rooms	1 570	1 209	311	43	7	-	-	-	-	1.15	1 969
4 rooms	2 607	709	1 227	488	124	53	6	-	-	1.98	5 229
5 rooms	786	148	351	111	106	39	15	16	-	2.20	1 988
6 rooms	368	45	61	93	76	40	23	9	21	3.34	1 213
7 or more rooms	239	14	57	62	80	10	-	12	4	3.28	615
Median	3.9	3.1	4.0	4.2	5.1	5.0	5.5	5.8	6.1	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>Complete plumbing for exclusive use</b>	<b>6 101</b>	<b>2 626</b>	<b>2 041</b>	<b>800</b>	<b>393</b>	<b>135</b>	<b>44</b>	<b>37</b>	<b>25</b>	<b>1.71</b>	<b>11 792</b>
1.00 or less	5 967	2 626	2 041	797	386	82	23	12	-	1.68	11 066
1.01 to 1.50	127	-	-	-	7	53	21	25	21	5.67	682
1.51 or more	7	-	-	3	-	-	-	-	4	8.54	44
<b>Lacking complete plumbing for exclusive use</b>	<b>74</b>	<b>56</b>	<b>11</b>	<b>-</b>	<b>-</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.16</b>	<b>98</b>
1.00 or less	74	56	11	-	-	7	-	-	-	1.16	98
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	548	54	156	134	132	29	7	11	25	2.98	1 746
2	1 186	487	391	186	79	19	16	8	-	1.77	2 338
3 and 4	814	440	266	77	15	16	-	-	-	1.42	1 313
5 to 9	1 361	545	508	143	89	52	15	9	-	1.77	2 616
10 to 49	1 948	984	630	240	53	26	6	9	-	1.49	3 401
50 or more	217	143	58	8	8	-	-	-	-	1.26	293
Mobile home or trailer, etc.	101	29	43	12	17	-	-	-	-	2.00	183
<b>GROSS RENT</b>											
<b>Specified renter-occupied housing units</b>	<b>6 175</b>	<b>2 682</b>	<b>2 052</b>	<b>800</b>	<b>393</b>	<b>142</b>	<b>44</b>	<b>37</b>	<b>25</b>	<b>1.70</b>	<b>11 890</b>
Less than \$100	376	258	78	14	18	8	-	-	-	1.23	591
\$100 to \$149	537	421	87	17	5	-	-	7	-	1.14	670
\$150 to \$199	1 030	672	215	104	34	-	5	-	-	1.27	1 580
\$200 to \$249	1 318	693	417	110	28	43	17	-	10	1.45	2 253
\$250 to \$299	1 662	497	765	264	103	33	-	-	-	1.94	3 302
\$300 to \$349	627	115	270	120	57	23	8	26	8	2.24	1 491
\$350 to \$399	221	13	88	53	36	17	-	-	-	2.68	639
\$400 to \$499	189	-	351	61	55	10	-	-	-	3.02	599
\$500 or more	80	-	20	12	44	-	-	-	-	3.68	368
No cash rent	135	13	49	45	13	8	-	4	-	2.62	397
Median	\$241	\$199	\$263	\$276	\$302	\$280	\$275	\$322	\$247	...	...
<b>SELECTED CHARACTERISTICS</b>											
<b>All income levels in 1979</b>	<b>6 175</b>	<b>2 682</b>	<b>2 052</b>	<b>800</b>	<b>393</b>	<b>142</b>	<b>44</b>	<b>37</b>	<b>25</b>	<b>1.70</b>	<b>11 890</b>
Median income	\$11 986	\$8 223	\$15 295	\$16 293	\$20 409	\$17 321	\$18 654	\$15 179	\$18 068	...	...
Median gross rent as percentage of household income	23.1	26.2	20.5	22.6	20.5	20.2	17.0	36.3	50+	...	...
<b>Income in 1979 below poverty level</b>	<b>1 024</b>	<b>518</b>	<b>275</b>	<b>112</b>	<b>40</b>	<b>35</b>	<b>16</b>	<b>18</b>	<b>10</b>	<b>1.49</b>	<b>...</b>
Median income	\$3 225	\$2500	\$3 832	\$5 326	\$5 625	\$6 902	\$3 750	\$7 500	\$3 750	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	39.0	42.7	50+	45.0	50+	...	...

Table B—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Bismarck city	Married-couple families					Male householder, no wife present					Female householder, no husband present					Median age
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
<b>Owner-occupied housing units</b>																
<b>PERSONS IN UNIT</b>																
1 person	323	2 285	1 655	2 780	841	64	334	110	151	157	65	243	239	446	556	44.0
2 persons	177	477	66	1 093	677	16	207	72	84	89	42	94	35	220	444	59.3
3 persons	80	620	184	664	133	48	79	7	46	51	17	69	59	98	82	55.6
4 persons	49	837	706	533	18	—	31	7	7	—	6	61	70	59	25	51.6
5 persons	17	285	414	286	13	—	5	10	5	—	—	10	12	66	3	37.7
6 or more persons	241	3 555	285	204	212	—	—	—	—	6	127	190	9	153	5	39.5
Median	936	7 959	7 599	9 203	1 916	143	503	223	284	229	102	516	710	860	711	42.9
Total persons	31 894															...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>																
Complete plumbing for exclusive use	323	2 285	1 655	2 773	841	64	329	110	151	157	65	243	239	446	556	44.0
1.01 or more persons per room	—	24	37	61	4	—	—	—	—	6	—	—	—	—	—	45.7
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	5	—	—	—	—	—	—	—	—	45.7
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>																
With a mortgage	143	1 718	1 530	2 375	597	9	125	55	93	119	7	58	166	229	354	44.9
Less than 15 percent	143	1 665	1 481	2 463	106	9	97	30	48	25	7	40	120	150	42	39.9
15 to 19 percent	5	269	366	370	27	—	30	4	6	—	—	5	21	39	5	47.3
20 to 24 percent	45	240	264	200	27	9	12	5	20	7	7	—	1	23	—	40.7
25 to 29 percent	48	316	190	66	16	—	15	21	—	—	—	12	19	11	—	35.6
30 to 34 percent	26	224	100	55	5	—	15	16	—	—	—	7	15	26	—	34.4
35 percent or more	19	306	116	151	14	—	15	4	12	12	—	12	47	21	37	37.0
Not computed	14	—	—	4	—	—	—	—	—	—	—	4	—	—	—	47.5
Median	27.2	25.2	19.0	15.0	22.2	17.5	20.6	28.8	17.0	24.6	17.5	30.7	30.7	24.5	50.4	68.8
Less than 10 percent	1 912	53	49	692	491	—	28	5	45	14	—	18	46	49	312	58.9
10 to 14 percent	344	26	23	513	170	—	28	—	18	9	—	18	20	39	32	56.3
15 to 19 percent	230	6	11	106	117	—	—	—	6	41	—	—	12	11	30	62.3
20 to 24 percent	146	—	—	37	75	—	—	—	—	10	—	—	—	7	—	71.3
25 to 29 percent	76	—	—	13	26	—	—	—	4	—	—	—	—	—	29	71.9
30 to 34 percent	37	—	—	12	13	—	—	—	—	11	—	—	6	—	—	69.2
35 percent or more	171	—	—	—	24	—	—	—	8	4	—	—	—	16	107	74.2
Not computed	8	—	—	—	—	—	—	—	—	—	—	—	8	—	—	37.5
Median	10.8	10.1	10.5	10—	13.2	—	10—	10—	12.5	18.2	—	12.5	10—	10.2	23.5	...
<b>Renter-occupied housing units</b>																
<b>PERSONS IN UNIT</b>																
1 person	375	680	197	315	244	683	480	173	121	78	895	699	216	357	662	29.4
2 persons	2 682	—	—	—	—	389	343	115	100	78	343	302	120	259	633	33.9
3 persons	2 052	255	25	171	237	46	95	42	16	—	397	223	34	82	22	27.0
4 persons	800	132	41	48	7	239	30	12	5	—	126	116	22	10	7	27.4
5 persons	393	26	73	62	—	9	12	4	—	—	23	19	26	6	—	32.6
6 or more persons	106	3	25	34	—	—	—	—	—	—	6	14	—	—	—	32.5
Median	170	2.93	3.95	2.42	2.01	1.38	1.20	1.25	1.10	1.00	1.76	1.71	1.40	1.19	1.02	40.2
Total persons	11 890	2 058	795	933	500	1 048	671	245	141	81	1 654	1 266	398	487	682	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>																
Complete plumbing for exclusive use	375	673	197	315	244	675	473	167	121	72	889	682	207	349	662	29.4
1.01 or more persons per room	—	46	24	34	—	3	7	6	—	6	6	15	9	8	—	34.5
Lacking complete plumbing for exclusive use	—	7	—	—	—	8	—	—	—	—	—	17	—	—	—	33.0
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>																
Specified renter-occupied housing units	6 175	680	197	315	244	683	480	173	121	78	895	699	216	357	662	29.4
Less than 15 percent	1 203	81	43	103	29	126	150	85	51	28	65	74	38	50	72	31.0
15 to 19 percent	1 005	127	176	62	38	128	113	30	29	14	144	60	14	51	120	29.3
20 to 24 percent	668	45	84	31	26	118	94	19	19	12	137	170	62	49	101	29.1
25 to 29 percent	454	54	90	12	23	67	56	6	8	—	148	80	—	66	50	27.2
30 to 34 percent	574	28	46	7	20	53	9	6	—	—	64	90	20	48	52	29.4
35 to 49 percent	915	15	57	13	32	80	20	11	14	7	107	73	33	20	72	29.2
50 percent or more	181	10	5	26	47	98	38	14	—	12	219	146	49	55	182	29.1
Not computed	23.1	19.0	18.7	17.0	28.2	23.4	19.0	14.7	16.6	17.9	28.2	27.7	24.5	25.3	28.1	50.8
Median	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	...

Table B—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Bismarck city	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
<b>Owner-occupied housing units</b> .....	1 303	468	16	207	72	84	89	835	42	94	35	220	444
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	1 303	468	16	207	72	84	89	835	42	94	35	220	444
Lacking complete plumbing for exclusive use .....	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	672	223	4	81	35	44	59	449	—	31	24	82	312
2 or more .....	329	127	—	64	21	17	25	202	11	26	7	62	96
Mobile home or trailer, etc. ....	302	118	12	62	16	23	5	184	31	37	4	76	36
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	270	36	—	7	—	8	21	234	6	—	8	31	189
\$5,000 to \$9,999 .....	406	74	6	16	7	11	34	332	25	23	—	137	147
\$10,000 to \$12,499 .....	142	40	—	27	—	6	7	102	5	20	18	10	49
\$12,500 to \$14,999 .....	134	60	4	36	7	5	8	74	6	34	9	5	20
\$15,000 to \$19,999 .....	160	111	6	41	33	23	8	49	—	13	—	7	29
\$20,000 to \$24,999 .....	72	53	—	36	11	6	—	19	—	—	—	19	—
\$25,000 to \$34,999 .....	61	45	—	23	4	13	5	16	—	—	—	11	5
\$35,000 to \$49,999 .....	33	28	—	6	10	12	—	5	—	—	—	—	5
\$50,000 or more .....	25	21	—	15	—	—	6	4	—	4	—	—	—
Median .....	\$9 701	\$15 698	\$13 750	\$16 287	\$17 115	\$16 667	\$8 807	\$7 816	\$7 500	\$12 794	\$11 319	\$8 389	\$6 006
Mean .....	\$12 621	\$19 017	\$12 264	\$21 545	\$20 276	\$17 942	\$14 345	\$9 036	\$8 225	\$13 495	\$9 175	\$10 420	\$7 472
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
Specified owner-occupied housing units .....	603	179	4	50	22	44	59	424	—	25	24	70	305
With a mortgage .....	220	119	4	45	22	29	19	101	—	7	16	41	37
Less than \$200 .....	24	24	4	13	—	—	7	—	—	—	—	—	—
\$200 to \$249 .....	26	—	—	—	—	—	—	26	—	—	—	19	7
\$250 to \$299 .....	31	5	—	—	—	5	—	26	—	—	—	15	11
\$300 to \$349 .....	25	25	—	7	18	—	—	—	—	—	—	—	—
\$350 to \$399 .....	26	7	—	—	—	7	—	19	—	7	—	7	5
\$400 to \$499 .....	32	15	—	15	—	—	—	17	—	—	9	—	8
\$500 to \$599 .....	34	27	—	10	—	5	12	7	—	—	7	—	—
\$600 to \$749 .....	18	12	—	—	—	12	—	6	—	—	—	—	6
\$750 or more .....	4	4	—	—	4	—	—	—	—	—	—	—	—
Median .....	\$358	\$389	\$175	\$408	\$331	\$550	\$521	\$297	—	\$375	\$444	\$255	\$355
Not mortgaged .....	383	60	—	5	—	15	40	323	—	18	8	29	268
Less than \$50 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50 to \$74 .....	47	—	—	—	—	—	—	47	—	18	—	—	29
\$75 to \$99 .....	28	—	—	—	—	—	—	28	—	—	—	6	22
\$100 to \$124 .....	30	—	—	—	—	—	—	30	—	—	—	11	19
\$125 to \$149 .....	133	21	—	—	—	15	6	112	—	—	—	—	112
\$150 to \$199 .....	120	34	—	—	—	—	34	86	—	—	8	12	66
\$200 to \$249 .....	16	5	—	5	—	—	—	11	—	—	—	—	11
\$250 or more .....	9	—	—	—	—	—	—	9	—	—	—	—	9
Median .....	\$141	\$163	—	\$225	—	\$138	\$171	\$138	—	\$63	\$175	\$119	\$139
<b>SELECTED CHARACTERISTICS</b>													
Median selected monthly owner costs as percentage of household income in 1979 .....	27.7	26.8	17.5	27.9	30.0	19.0	24.9	28.1	—	13.5	39.4	27.4	28.9
With a mortgage .....	35.2	28.8	17.5	29.0	30.0	18.8	50+	50+	—	27.5	39.4	28.6	50+
Not mortgaged .....	23.8	22.5	—	10—	—	50+	23.5	24.0	—	12.5	—	21.8	25.4
Income in 1979 below poverty level .....	171	26	—	7	—	8	11	145	—	—	8	9	128
Percent below poverty level .....	13.1	5.6	—	3.4	—	9.5	12.4	17.4	—	—	22.9	4.1	28.8
<b>Renter-occupied housing units</b> .....	2 682	1 025	389	343	115	100	78	1 657	343	302	120	259	633
<b>PLUMBING FACILITIES</b>													
Complete plumbing for exclusive use .....	2 626	998	381	336	109	100	72	1 628	337	296	111	251	633
Lacking complete plumbing for exclusive use .....	56	27	8	7	6	—	6	29	6	6	9	8	—
<b>UNITS IN STRUCTURE</b>													
1, detached or attached .....	54	28	7	—	8	8	5	26	—	—	—	6	20
2 .....	487	199	96	72	17	14	—	288	49	90	34	24	91
3 and 4 .....	440	129	45	31	13	14	26	311	101	53	9	55	92
5 to 9 .....	545	180	54	66	20	20	20	365	67	63	7	73	155
10 to 49 .....	984	441	180	160	57	29	15	543	106	90	70	93	184
50 or more .....	143	33	—	6	—	15	12	110	14	6	—	—	90
Mobile home or trailer, etc. ....	29	15	7	8	—	—	—	14	6	—	—	8	—
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000 .....	777	173	92	23	15	7	36	604	154	16	42	77	315
\$5,000 to \$9,999 .....	901	282	123	101	16	28	14	619	124	137	56	76	226
\$10,000 to \$12,499 .....	293	96	57	33	6	—	—	197	52	82	—	46	17
\$12,500 to \$14,999 .....	213	119	48	50	14	7	—	94	13	32	14	21	14
\$15,000 to \$19,999 .....	247	161	33	81	18	21	8	86	—	27	8	32	19
\$20,000 to \$24,999 .....	112	69	20	12	6	23	8	43	—	8	—	7	28
\$25,000 to \$34,999 .....	93	93	16	29	22	14	12	—	—	—	—	—	—
\$35,000 to \$49,999 .....	40	26	—	14	12	—	—	14	—	—	—	—	14
\$50,000 or more .....	6	—	—	—	—	—	—	—	—	—	—	—	—
Median .....	\$8 223	\$11 497	\$9 085	\$13 225	\$16 354	\$16 429	\$6 071	\$6 935	\$5 951	\$9 939	\$7 738	\$8 951	\$5 024
Mean .....	\$9 733	\$13 146	\$9 613	\$14 159	\$16 354	\$16 360	\$11 140	\$7 622	\$5 957	\$10 134	\$7 550	\$8 752	\$6 878
<b>GROSS RENT</b>													
Specified renter-occupied housing units .....	2 682	1 025	389	343	115	100	78	1 657	343	302	120	259	633
Less than \$100 .....	258	76	21	5	6	13	31	182	5	—	9	14	154
\$100 to \$149 .....	421	149	55	66	14	—	14	272	54	34	33	27	124
\$150 to \$199 .....	672	190	86	65	11	21	7	482	157	75	7	46	197
\$200 to \$249 .....	693	274	104	78	28	44	20	419	84	113	49	81	92
\$250 to \$299 .....	497	249	92	93	36	22	6	248	38	74	22	56	58
\$300 to \$349 .....	115	66	25	29	12	—	—	49	5	6	—	30	8
\$350 to \$399 .....	13	13	6	7	—	—	—	—	—	—	—	—	—
\$400 to \$499 .....	—	—	—	—	—	—	—	—	—	—	—	—	—
\$500 or more .....	—	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent .....	13	8	—	—	8	—	—	5	—	—	—	5	—
Median .....	\$199	\$217	\$215	\$232	\$227	\$213	\$136	\$188	\$191	\$218	\$212	\$217	\$163
<b>SELECTED CHARACTERISTICS</b>													
Median gross rent as percentage of household income in 1979 .....	26.2	21.0	28.2	20.4	15.3	14.9	17.9	29.7	37.9	27.6	31.4	28.2	28.6
Income in 1979 below poverty level .....	518	119	73	15	7	—	24	399	130	16	9	57	187
Percent below poverty level .....	19.3	11.6	18.8	4.4	6.1	—	30.8	24.1	37.9	5.3	7.5	22.0	29.5

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Bismarck city					Bismarck city				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	389	250	55	84	Vacant for rent housing units	396	332	49	15
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms	3	3	—	—	1 room	9	9	—	—
4 rooms	114	94	8	12	2 rooms	15	15	—	—
5 rooms	131	73	20	38	3 rooms	127	86	36	5
6 rooms	58	38	11	9	4 rooms	188	172	6	10
7 rooms	35	12	16	7	5 rooms	43	43	—	—
8 or more rooms	48	30	—	18	6 rooms	7	—	7	—
Median	5.1	4.9	5.5	5.3	7 or more rooms	7	—	—	—
					Median	3.8	3.8	3.2	3.8
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use	381	250	47	84	Complete plumbing for exclusive use	390	326	49	15
Lacking complete plumbing for exclusive use	8	—	8	—	Lacking complete plumbing for exclusive use	6	6	—	—
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None	—	—	—	—	None	13	13	—	—
1	11	3	8	—	1	148	107	36	5
2	172	120	30	22	2	173	163	—	10
3	191	112	17	62	3	58	45	13	—
4	15	15	—	—	4	—	—	—	—
5 or more	—	—	—	—	5 or more	4	4	—	—
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980	304	203	27	74	1975 to March 1980	170	160	7	3
1970 to 1974	12	7	—	5	1970 to 1974	54	54	—	—
1960 to 1969	13	8	5	—	1960 to 1969	30	30	—	—
1950 to 1959	20	20	—	—	1950 to 1959	17	17	—	—
1940 to 1949	12	12	—	5	1940 to 1949	32	24	6	2
1939 or earlier	28	—	23	—	1939 or earlier	93	47	36	10
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1, detached or attached	271	170	25	76	1, detached or attached	62	56	6	—
2 or more	106	80	18	8	2	47	28	9	10
Mobile home or trailer	12	—	12	—	3 and 4	55	30	23	2
<b>HEATING EQUIPMENT</b>					5 to 9	119	105	11	3
Central heating system	382	243	55	84	10 to 49	94	94	—	—
Other means	7	7	—	—	50 or more	13	13	—	—
None	—	—	—	—	Mobile home or trailer	6	6	—	—
<b>PRICE ASKED</b>					<b>RENT ASKED</b>				
Specified vacant for sale only housing units	208	124	25	59	Specified vacant for rent housing units	396	332	49	15
Less than \$10,000	—	—	—	—	Less than \$100	21	11	—	10
\$10,000 to \$19,999	—	—	—	—	\$100 to \$149	50	20	30	—
\$20,000 to \$29,999	20	—	15	5	\$150 to \$199	80	66	12	2
\$30,000 to \$39,999	17	17	—	—	\$200 to \$249	92	89	—	3
\$40,000 to \$49,999	21	21	—	—	\$250 to \$299	76	76	—	—
\$50,000 to \$59,999	47	42	5	—	\$300 to \$399	64	64	—	—
\$60,000 to \$79,999	39	10	—	29	\$400 or more	13	6	7	—
\$80,000 to \$99,999	64	34	5	25	Median	\$221	\$236	\$146	\$98
\$100,000 or more	—	—	—	—					
Median	\$59 800	\$54 600	\$27 100	\$69 500					

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
<b>Bismarck city</b>															
Total	208	—	20	38	150	—	59 800	396	21	130	168	54	13	221	
<b>PLUMBING FACILITIES</b>															
Complete plumbing for exclusive use	208	—	20	38	150	—	59 800	390	21	124	168	64	13	223	
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	6	—	6	—	—	—	105	
<b>BEDROOMS</b>															
None	—	—	—	—	—	—	—	13	—	13	—	—	—	107	
1	—	—	—	—	—	—	—	148	7	79	47	15	—	175	
2	78	—	20	9	49	—	51 900	173	10	29	90	44	—	266	
3	115	—	—	20	95	—	77 200	58	—	9	31	5	13	258	
4	15	—	—	9	6	—	49 200	—	—	—	—	—	—	—	
5 or more	—	—	—	—	—	—	—	4	4	—	—	—	—	50	
<b>YEAR STRUCTURE BUILT</b>															
1975 to March 1980	155	—	—	18	137	—	69 200	170	—	7	98	52	13	287	
1970 to 1974	3	—	—	—	3	—	85 000	54	7	5	37	5	—	264	
1960 to 1969	5	—	—	—	5	—	57 500	30	—	6	17	7	—	225	
1950 to 1959	20	—	—	20	—	—	37 900	17	4	13	—	—	—	108	
1940 to 1949	5	—	—	—	5	—	57 500	32	—	23	9	—	—	168	
1939 or earlier	20	—	20	—	—	—	26 300	93	10	76	7	—	—	148	
<b>UNITS IN STRUCTURE</b>															
1, detached or attached	208	—	20	38	150	—	59 800	62	4	19	31	2	6	208	
2 or more	—	—	—	—	—	—	—	328	17	111	131	62	7	228	
Mobile home or trailer	—	—	—	—	—	—	—	6	—	—	6	—	—	263	

## Appendix A.—Area Classifications

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### REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

### STATES

The 50 States and the District of Columbia are the constituent units of the United States.

### PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

#### Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

#### Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

#### STANDARD METROPOLITAN STATISTICAL AREAS

##### Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

##### SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

### New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

### BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

### AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

## Appendix B.—Definitions and Explanations of Subject Characteristics

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The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

**Housing Units**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

**Comparability With 1970 Census Housing Unit Data**—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

**Group Quarters**—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Comparability With 1970 Census Group Quarters Data**—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

**Rules for Hotels, Rooming Houses, Etc.**—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

**Staff Living Quarters**—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

**Year-Round Housing Units**—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

### OCCUPANCY AND VACANCY CHARACTERISTICS

**Occupied Housing Units**—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

**Householder**—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

**Child**—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.



## Appendix B.—Definitions and Explanations of Subject Characteristics

**Nonrelative**—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

**Age of Householder**—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

**Household Type**—Statistics by age of householder are presented separately for the following household types:

*Married-couple families.* For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

*Male householder, no wife present.* This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

*Female householder, no husband present.* This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

**Year Householder Moved Into Unit**—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

**Vacant Housing Units**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy Status**—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

*For sale only.* Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

*For rent.* Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

**Duration of Vacancy**—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

**Tenure**—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

**Condominium Housing Units**—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

**Comparability With 1970 Census Condominium Housing Unit Data**—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

**Race of the Householder**—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

### **Comparability Between Sample and 100-Percent Data for Race of the Householder**

Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

### **Comparability With 1970 Census Data on Race of the Householder**

Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

**Spanish/Hispanic Origin of the Householder**—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Limitations of the Data on Householders of Spanish/Hispanic Origin**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "*Persons of Spanish Origin by State: 1980.*"

**Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin**—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

**Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage**—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

## Appendix B.—Definitions and Explanations of Subject Characteristics

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

### UTILIZATION CHARACTERISTICS

**Persons**—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

**Rooms**—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling

**Persons Per Room**—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

**Bedrooms**—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

### STRUCTURAL CHARACTERISTICS

**Year Structure Built**—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

**Units in Structure**—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

**Stories in Structure**—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

**Passenger Elevator**—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

### PLUMBING CHARACTERISTICS

**Plumbing Facilities**—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

**Comparability With 1970 Census Plumbing Facilities Data**—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

### EQUIPMENT AND FUELS

**Heating Equipment**—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

**Comparability With 1970 Census Heating Equipment Data**—In 1970, central

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heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

**Air Conditioning**—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

**Vehicles Available**—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

**Comparability With 1970 Census Automobiles Available Data**—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted in 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

**Fuels Used for House Heating and Water Heating**—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

### FINANCIAL CHARACTERISTICS

**Value**—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

**Price Asked**—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

**Mortgage Status and Selected Monthly Owner Costs**—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

### Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979

—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Rent**—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

**Contract Rent.** "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

**Gross Rent.** The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

**Rent Asked.** For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

**Gross Rent as a Percentage of Household Income in 1979**—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Household Income in 1979**—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

**Median Income**—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

**Comparability With 1970 Census Income Data**—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

**Poverty Status in 1979**—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.



# Appendix B.—Definitions and Explanations of Subject Characteristics

## Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years							
		None	1	2	3	4	5	6	7 8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586





## Appendix C.—General Enumeration and Processing Procedures

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### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

#### Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

#### Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

#### Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

#### Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

#### Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

### Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

### Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

### DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

### PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

## Appendix D.—Accuracy of the Data

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### INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

### SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

### ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

### Calculation of Standard Errors

**Totals and Percentages**—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

**Differences**—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors  $Se_x$  and  $Se_y$  of estimates  $x$  and  $y$ :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

**Means**—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

**Medians**—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as  $N/2$ ). Treat  $N/2$  as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about  $N/2$ . Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about  $N/2$ . By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about  $N/2$ . Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

### Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

### Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

### ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

### PERSONS

#### Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

Stage II—Householder/ Nonhouseholder	
Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)

### Stage III—Age/Sex/Race/Spanish Origin

Group	White Race
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure.

For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

## OCCUPIED HOUSING UNITS

### Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

### Stage II—Tenure/Race and Origin of Householder/Value or Rent

Group	Owner
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners
	<i>Persons Not of Spanish Origin</i>

9-16	Same value categories as groups 1 to 8
17-32	<i>Black Race</i> Same value—Spanish origin categories as groups 1 to 16
33-48	<i>Asian, Pacific Islander Race</i> Same value—Spanish origin categories as groups 1 to 16
49-64	<i>American Indian, Eskimo, or Aleut Race</i> Same value—Spanish origin categories as groups 1 to 16
65-80	<i>Other Race (includes those races not listed above)</i> Same value—Spanish origin categories as groups 1 to 16
<i>Renter</i>	
<i>White Race</i>	
<i>Persons of Spanish Origin</i>	
<i>Rent Categories</i>	
81	\$1 to \$59
82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent
<i>Persons not of Spanish origin</i>	
92-102	Same rent categories as groups 81 to 91
103-124	<i>Black Race</i> Same rent—Spanish origin categories as groups 81 to 102
125-146	<i>Asian, Pacific Islander Race</i> Same rent—Spanish origin categories as groups 81 to 102
147-168	<i>American Indian, Eskimo, or Aleut Race</i> Same rent—Spanish origin categories as groups 81 to 102

<i>Other Race (includes those races not listed above)</i>	
169-190	Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

<i>Group</i>	
1	<i>Vacant for Rent</i>
2	<i>Vacant for Sale</i>
3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate non-sampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

**Undercoverage**—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

**Respondent and Enumerator Error**—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for



households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

**Processing Error**—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

**Nonresponse**—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

### ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.



## Appendix D.—Accuracy of the Data

Table A. **Unadjusted Standard Errors for Estimated Totals**

[Based on a 1-in-6 simple random sample]

Estimated Total <sup>1/</sup>	Size of publication area <sup>2/</sup>													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

<sup>1/</sup> For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

$\hat{Y}$  = Estimate of characteristic total

<sup>2/</sup> The total count of housing units in the area.

Table B. **Unadjusted Standard Error in Percentage Points for Estimated Percentages**

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage <sup>1/</sup>												
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2

<sup>1/</sup> For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

$\hat{p}$  = Estimated percentage

Table C. **Standard Error Adjustment Factors**

[Percent of persons or housing units in sample]

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.0	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.0	0.8	0.5
Vacant price asked and vacant rent asked..	1.0	0.8	0.5
Tenure.....	1.1	0.9	0.5
Units in structure.....	1.0	1.0	0.5
Stories in structure.....	0.9	0.9	0.4
Passenger elevator.....	0.9	0.9	0.4
Persons in unit.....	1.0	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.0	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.0	0.9	0.5
Rooms.....	1.0	0.9	0.5
Telephone in housing unit.....	1.0	0.9	0.5
Air conditioning.....	1.1	1.1	0.5
Vehicles available.....	1.0	0.9	0.5
Gross rent and contract rent.....	1.1	1.0	0.5
Gross rent as a percentage of household income in 1979.....	1.0	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	1.0	0.5
Household income.....	1.0	0.9	0.5
Poverty status: Housing.....	1.0	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.0	1.0	0.5
Value.....	1.0	1.0	0.5

Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see a]

**The SMSA  
Places of 50,000 or More and  
Central Cities of SMSA's**

**The SMSA -----  
PLACES OF 50,000 OR MORE AND CENTRAL  
CITIES OF SMSA's**

**Bismarck city -----**

Housing units	
100-percent count	Percent in sample
30 230	20.6
17 403	16.0



## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.  
  
A stepchild or legally adopted child of the person in column 1 should be marked **Son/daughter**. Foster children or wards living in the household should be marked **Roomer, boarder**.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the **Indian (American)** or **Other** circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A **public** school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for **Nursery school**.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished this grade (or year)** only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

### INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.  
  
Mark **Yes, but also used by another household** if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark **Owned or being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.

Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.

**Occupied without payment of cash rent** includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A **condominium** is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A **commercial establishment** is easily recognized from the outside, for example, a grocery store or barber shop. A **medical office** is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

## Appendix E.--Facsimiles of Respondent Instructions and Questionnaire Pages

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

### INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

*Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a. A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16. If a well provides water for six or more houses or apartments, mark **A public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

*Drilled wells*, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17. A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

- H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

- H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a *reverse cycle*

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

### INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( { ) the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26. Answer *Yes only* if the telephone is located *in* your living quarters.

- H27. Count only equipment used to cool the air by means of a refrigeration unit.

- H28–H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30–H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

### INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

#### 11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

#### For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the **Yes**, a naturalized citizen circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark **No**, only speaks English if the person always speaks English *at home*; then skip to question 14.

Mark **Yes** if the person speaks a language other than English *at home*. Do *not* mark **Yes** for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.

- c. Fill the circle that best describes the person's *ability* to speak English.

- (1) The circle **Very well** should be filled for persons who have no difficulty speaking English.
- (2) The circle **Well** should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle **Not well** should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle **Not at all** should be filled for persons who do not speak English at all.

14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

### INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark **Yes**, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark **No**, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark **Yes** if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark **Yes** only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark **No** if the person was in the National Guard or the reserves.

- b. Mark **Yes** if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark **No** if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark **Yes**, full time if the person worked full time (35 hours or more per week). Mark **Yes**, part time if the person worked part time (less than 35 hours per week). Mark **No** if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark **Yes** if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark **Yes** *only* if the person was ever called to active duty; mark **No** if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No**, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No**, temporarily ill if the person expects to be able to work within 30 days.

Mark **No**, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.



INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark **Local** government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the **Yes** or **No** circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark **No** for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the **None** circle. If total income was a loss, write "Loss" above the amount.

Please fill out this  
official Census Form  
and mail it back on  
Census Day,  
Tuesday, April 1, 1980

# 1980 Census of the United States

If the address shown below has the wrong apartment identification, please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
				L	

## Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

## Para personas de habla hispana

(For Spanish-speaking persons):  
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL llame a la oficina del censo. El número de teléfono se encuentra en el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario por correo en el sobre que se le incluye.

A message from the Director,  
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.



# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1		PERSON in column 2	
		Last name	Middle initial	Last name	Middle initial
<b>2. How is this person related to the person in column 1?</b>  Fill one circle.  If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.	<b>START</b> in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.	If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee			
<b>3. Sex</b> Fill one circle.	<input type="radio"/> Male <input checked="" type="radio"/> Female	<input type="radio"/> Male <input checked="" type="radio"/> Female			
<b>4. Is this person —</b>  Fill one circle.	<input checked="" type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →			
<b>5. Age, and month and year of birth</b>  a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.	a. Age at last birthday: 1    8    0    0 b. Month of birth: 1    9 Jan.—Mar. Apr.—June Jul.—Sept. Oct.—Dec.	a. Age at last birthday: 1    8    0    0 b. Month of birth: 1    9 Jan.—Mar. Apr.—June Jul.—Sept. Oct.—Dec.			
<b>6. Marital status</b>  Fill one circle.	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced			
<b>7. Is this person of Spanish/Hispanic origin or descent?</b>  Fill one circle.	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic			
<b>8. Since February 1, 1980, has this person attended regular school or college at any time?</b> Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related			
<b>9. What is the highest grade (or year) of regular school this person has ever attended?</b>  Fill one circle.  If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10			
<b>10. Did this person finish the highest grade (or year) attended?</b>  Fill one circle.	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)			
	CENSUS USE ONLY    A.    0    1    2    3    4    5    6    7    8    9    N    O    O	CENSUS USE ONLY    A.    0    1    2    3    4    5    6    7    8    9    N    O    O			

PERSON in column 7	
Last name	Middle initial
First name	
If relative of person in column 1:	
<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative
<input type="radio"/> Brother/sister	
If not related to person in column 1:	
<input type="radio"/> Roomer, boarder	<input type="radio"/> Other no relative
<input type="radio"/> Partner, roommate	
<input type="radio"/> Paid employee	
<input type="radio"/> Male <input type="radio"/> Female	
<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
a. Age at last birthday	c. Year of birth
1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12
b. Month of birth	
1 2 3 4 5 6 7 8 9 10 11 12	
<input type="radio"/> Jan.—Mar.	<input type="radio"/> Apr.—June
<input type="radio"/> July—Sept.	<input type="radio"/> Oct.—Dec.
<input type="radio"/> Now married	<input type="radio"/> Separated
<input type="radio"/> Widowed	<input type="radio"/> Never married
<input type="radio"/> Divorced	
<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
Highest grade attended:	
<input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school—Skip question 10	
<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
CENSUS USE ONLY	

If you listed more than 7 persons in Question 1, please see note on page 20.

## NOW PLEASE ANSWER QUESTIONS H1—H12 FOR YOUR HOUSEHOLD

<b>H1.</b> Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has another home? <input type="radio"/> Yes — On page 20 give name(s) and reason left out. <input type="radio"/> No	<b>H9.</b> Is this apartment (house) part of a condominium? <input type="radio"/> No <input type="radio"/> Yes, a condominium
<b>H2.</b> Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital? <input type="radio"/> Yes — On page 20 give name(s) and reason person is away. <input type="radio"/> No	<b>H10.</b> If this is a one-family house — a. Is the house on a property of 10 or more acres? <input type="radio"/> Yes <input type="radio"/> No b. Is any part of the property used as a commercial establishment or medical office? <input type="radio"/> Yes <input type="radio"/> No
<b>H3.</b> Is anyone visiting here who is not already listed? <input type="radio"/> Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker. <input type="radio"/> No	<b>H11.</b> If you live in a one-family house or a condominium unit which you own or are buying — What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale? Do not answer this question if this is — <input type="radio"/> A mobile home or trailer <input type="radio"/> A house on 10 or more acres <input type="radio"/> A house with a commercial establishment or medical office on the property <input type="radio"/> Less than \$10,000 <input type="radio"/> \$50,000 to \$54,999 <input type="radio"/> \$10,000 to \$14,999 <input type="radio"/> \$55,000 to \$59,999 <input type="radio"/> \$15,000 to \$17,499 <input type="radio"/> \$60,000 to \$64,999 <input type="radio"/> \$17,500 to \$19,999 <input type="radio"/> \$65,000 to \$69,999 <input type="radio"/> \$20,000 to \$22,499 <input type="radio"/> \$70,000 to \$74,999 <input type="radio"/> \$22,500 to \$24,999 <input type="radio"/> \$75,000 to \$79,999 <input type="radio"/> \$25,000 to \$27,499 <input type="radio"/> \$80,000 to \$89,999 <input type="radio"/> \$27,500 to \$29,999 <input type="radio"/> \$90,000 to \$99,999 <input type="radio"/> \$30,000 to \$34,999 <input type="radio"/> \$100,000 to \$124,999 <input type="radio"/> \$35,000 to \$39,999 <input type="radio"/> \$125,000 to \$149,999 <input type="radio"/> \$40,000 to \$44,999 <input type="radio"/> \$150,000 to \$199,999 <input type="radio"/> \$45,000 to \$49,999 <input type="radio"/> \$200,000 or more
<b>H4.</b> How many living quarters, occupied and vacant, are at this address? <input type="radio"/> One <input type="radio"/> 2 apartments or living quarters <input type="radio"/> 3 apartments or living quarters <input type="radio"/> 4 apartments or living quarters <input type="radio"/> 5 apartments or living quarters <input type="radio"/> 6 apartments or living quarters <input type="radio"/> 7 apartments or living quarters <input type="radio"/> 8 apartments or living quarters <input type="radio"/> 9 apartments or living quarters <input type="radio"/> 10 or more apartments or living quarters <input type="radio"/> This is a mobile home or trailer	
<b>H5.</b> Do you enter your living quarters — <input type="radio"/> Directly from the outside or through a common or public hall? <input type="radio"/> Through someone else's living quarters?	
<b>H6.</b> Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower? <input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No, have some but not all plumbing facilities <input type="radio"/> No plumbing facilities in living quarters	
<b>H7.</b> How many rooms do you have in your living quarters? Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms. <input type="radio"/> 1 room <input type="radio"/> 4 rooms <input type="radio"/> 7 rooms <input type="radio"/> 2 rooms <input type="radio"/> 5 rooms <input type="radio"/> 8 rooms <input type="radio"/> 3 rooms <input type="radio"/> 6 rooms <input type="radio"/> 9 or more rooms	
<b>H8.</b> Are your living quarters — <input type="radio"/> Owned or being bought by you or by someone else in this household? <input type="radio"/> Rented for cash rent? <input type="radio"/> Occupied without payment of cash rent?	
FOR CENSUS USE ONLY	
<b>A4.</b> Block number 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 10 <input type="radio"/> 11 <input type="radio"/> 12	<b>A6.</b> Serial number 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 10 <input type="radio"/> 11 <input type="radio"/> 12
<b>B.</b> Type of unit or quarters Occupied <input type="radio"/> First form <input type="radio"/> Continuation Vacant <input type="radio"/> Regular <input type="radio"/> Usual home elsewhere Group quarters <input type="radio"/> First form <input type="radio"/> Continuation	<b>C1.</b> Is this unit for — <input type="radio"/> Year-round use <input type="radio"/> Seasonal/Mig. — Skip C2, C3, and D. <b>C2.</b> Vacancy status <input type="radio"/> For rent <input type="radio"/> For sale only <input type="radio"/> Rented or sold, not occupied <input type="radio"/> Held for occasional use <input type="radio"/> Other vacant <b>C3.</b> Is this unit boarded up? <input type="radio"/> Yes <input type="radio"/> No
<b>D.</b> Months vacant <input type="radio"/> Less than 1 month <input type="radio"/> 1 up to 2 months <input type="radio"/> 2 up to 6 months <input type="radio"/> 6 up to 12 months <input type="radio"/> 1 year up to 2 years <input type="radio"/> 2 or more years	<b>E.</b> Indicators 1. <input type="radio"/> Mail return 2. <input type="radio"/> Pop./F
<b>F.</b> Total persons 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 10 <input type="radio"/> 11 <input type="radio"/> 12	

<b>H13. Which best describes this building?</b> <i>Include all apartments, flats, etc., even if vacant.</i> <ul style="list-style-type: none"> <li><input type="radio"/> A mobile home or trailer</li> <li><input type="radio"/> A one-family house detached from any other house</li> <li><input type="radio"/> A one-family house attached to one or more houses</li> <li><input type="radio"/> A building for 2 families</li> <li><input type="radio"/> A building for 3 or 4 families</li> <li><input type="radio"/> A building for 5 to 9 families</li> <li><input type="radio"/> A building for 10 to 19 families</li> <li><input type="radio"/> A building for 20 to 49 families</li> <li><input type="radio"/> A building for 50 or more families</li> <li><input type="radio"/> A boat, tent, van, etc.</li> </ul>	<b>H21a. Which fuel is used most for house heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul> <b>b. Which fuel is used most for water heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>CENSUS USE</b> <b>H22a.</b> <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>H14a. How many stories (floors) are in this building?</b> <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> 1 to 3 — Skip to H15</li> <li><input type="radio"/> 4 to 6</li> <li><input type="radio"/> 7 to 12</li> <li><input type="radio"/> 13 or more stories</li> </ul> <b>b. Is there a passenger elevator in this building?</b> Yes <input type="radio"/> No <input type="radio"/>	<b>c. Which fuel is used most for cooking?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>H22b.</b> <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>H15a. Is this building —</b> <ul style="list-style-type: none"> <li><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16</li> <li><input type="radio"/> On a place of 1 to 9 acres?</li> <li><input type="radio"/> On a place of 10 or more acres?</li> </ul> <b>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</b> <ul style="list-style-type: none"> <li><input type="radio"/> Less than \$50 (or None)</li> <li><input type="radio"/> \$50 to \$249</li> <li><input type="radio"/> \$250 to \$599</li> <li><input type="radio"/> \$600 to \$999</li> <li><input type="radio"/> \$1,000 to \$2,499</li> <li><input type="radio"/> \$2,500 or more</li> </ul>	<b>H22. What are the costs of utilities and fuels for your living quarters?</b> <b>a. Electricity</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Electricity not used <b>b. Gas</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Gas not used <b>c. Water</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <b>d. Oil, coal, kerosene, wood, etc.</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used	<b>H22c.</b> <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>H16. Do you get water from —</b> <ul style="list-style-type: none"> <li><input type="radio"/> A public system (city water department, etc.) or private company?</li> <li><input type="radio"/> An individual drilled well?</li> <li><input type="radio"/> An individual dug well?</li> <li><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</li> </ul>	<b>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</b> <input type="radio"/> Yes <input type="radio"/> No	<b>H22d.</b> <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>H17. Is this building connected to a public sewer?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, connected to public sewer</li> <li><input type="radio"/> No, connected to septic tank or cesspool</li> <li><input type="radio"/> No, use other means</li> </ul>	<b>H24. How many bedrooms do you have?</b> <i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bedroom</li> <li><input type="radio"/> 1 bedroom</li> <li><input type="radio"/> 2 bedrooms</li> <li><input type="radio"/> 3 bedrooms</li> <li><input type="radio"/> 4 bedrooms</li> <li><input type="radio"/> 5 or more bedrooms</li> </ul>	<table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1940 to 1949</li> <li><input type="radio"/> 1939 or earlier</li> </ul>	<b>H25. How many bathrooms do you have?</b> <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bathroom, or only a half bathroom</li> <li><input type="radio"/> 1 complete bathroom</li> <li><input type="radio"/> 1 complete bathroom, plus half bath(s)</li> <li><input type="radio"/> 2 or more complete bathrooms</li> </ul>	<table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>H19. When did the person listed in column 1 move into this house (or apartment)?</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1949 or earlier</li> <li><input type="radio"/> Always lived here</li> </ul>	<b>H26. Do you have a telephone in your living quarters?</b> <input type="radio"/> Yes <input type="radio"/> No	<table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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<b>H20. How are your living quarters heated?</b> <i>Fill one circle for the kind of heat used most.</i> <ul style="list-style-type: none"> <li><input type="radio"/> Steam or hot water system</li> <li><input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li><input type="radio"/> Electric heat pump</li> <li><input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</li> <li><input type="radio"/> Floor, wall, or pipeless furnace</li> <li><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</li> <li><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</li> <li><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</li> <li><input type="radio"/> No heating equipment</li> </ul>	<b>H27. Do you have air conditioning?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, a central air-conditioning system</li> <li><input type="radio"/> Yes, 1 individual room unit</li> <li><input type="radio"/> Yes, 2 or more individual room units</li> <li><input type="radio"/> No</li> </ul> <b>H28. How many automobiles are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 automobile</li> <li><input type="radio"/> 2 automobiles</li> <li><input type="radio"/> 3 or more automobiles</li> </ul> <b>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 van or truck</li> <li><input type="radio"/> 2 vans or trucks</li> <li><input type="radio"/> 3 or more vans or trucks</li> </ul>	<table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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FOR YOUR HOUSEHOLD

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is –

- A mobile home or trailer . . . . .
- A house on 10 or more acres . . . . .
- A condominium unit . . . . .
- A house with a commercial establishment or medical office on the property . . . . .

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ . . . . . 00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ . . . . . 00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

☐ Yes, mortgage, deed of trust, or similar debt

☐ Yes, contract to purchase

☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ . . . . . 00 OR No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

☒ Yes, taxes included in payment

☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

☐ Yes, insurance included in payment

☐ No, insurance paid separately or no insurance

Please turn to page 6

FOR CENSUS USE ONLY

<div><p>1</p><p>S.S.</p><p>Yes</p><p>No</p></div>	<div><p>2</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>4</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>2</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>4</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>2</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>4</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>3</p><p>S.S.</p><p>Yes</p><p>No</p></div>	<div><p>2</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>4</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>4</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>2</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>4</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>5</p><p>S.S.</p><p>Yes</p><p>No</p></div>	<div><p>2</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>4</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>6</p><p>S.S.</p><p>Yes</p><p>No</p></div>	<div><p>2</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>4</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>7</p><p>S.S.</p><p>Yes</p><p>No</p></div>	<div><p>2</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>4</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>GQ.</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>H30.</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>H31.</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>	<div><p>H32c.</p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p><p><input type="radio"/></p></div>
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Page 6

ANSWER THESE QUESTIONS FOR

<p><b>Name of Person 1 on page 2:</b></p> <p style="text-align: center;">Last name      First name      Middle initial</p> <hr/> <p><b>11. In what State or foreign country was this person born?</b>  <i>Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</i></p> <p style="text-align: center;">Name of State or foreign country; or Puerto Rico, Guam, etc.</p> <hr/> <p><b>12. If this person was born in a foreign country —</b>  <b>a. Is this person a naturalized citizen of the United States?</b></p> <p style="text-align: center;"> <input type="radio"/> Yes, a naturalized citizen  <input type="radio"/> No, not a citizen  <input type="radio"/> Born abroad of American parents         </p> <hr/> <p><b>b. When did this person come to the United States to stay?</b></p> <p style="text-align: center;"> <input type="radio"/> 1975 to 1980    <input type="radio"/> 1965 to 1969    <input type="radio"/> 1950 to 1959  <input type="radio"/> 1970 to 1974    <input type="radio"/> 1960 to 1964    <input type="radio"/> Before 1950         </p> <hr/> <p><b>13a. Does this person speak a language other than English at home?</b></p> <p style="text-align: center;"> <input type="radio"/> Yes    <input type="radio"/> No, only speaks English — Skip to 14         </p> <hr/> <p><b>b. What is this language?</b></p> <p style="text-align: center;">(For example — Chinese, Italian, Spanish, etc.)</p> <hr/> <p><b>c. How well does this person speak English?</b></p> <p style="text-align: center;"> <input type="radio"/> Very well    <input type="radio"/> Not well  <input type="radio"/> Well    <input type="radio"/> Not at all         </p> <hr/> <p><b>14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.</b></p> <p style="text-align: center;">(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</p> <hr/> <p><b>15a. Did this person live in this house five years ago (April 1, 1975)?</b>  <i>If in college or Armed Forces in April 1975, report place or residence there.</i></p> <p style="text-align: center;"> <input type="radio"/> Born April 1975 or later — Turn to next page for next person  <input type="radio"/> Yes, this house — Skip to 16  <input type="radio"/> No, different house         </p> <hr/> <p><b>b. Where did this person live five years ago (April 1, 1975)?</b></p> <p style="text-align: center;"> <b>(1) State, foreign country, Puerto Rico, Guam, etc.:</b>  <b>(2) County:</b>  <b>(3) City, town, village, etc.:</b>  <b>(4) Inside the incorporated (legal) limits of that city, town, village, etc.:</b>  <input type="radio"/> Yes    <input type="radio"/> No, in unincorporated area         </p>	<p><b>16. When was this person born?</b></p> <p style="text-align: center;"> <input type="radio"/> Born before April 1965 — Please go on with questions 17-33  <input type="radio"/> Born April 1965 or later — Turn to next page for next person         </p> <hr/> <p><b>17. In April 1975 (five years ago) was this person —</b>  <b>a. On active duty in the Armed Forces?</b></p> <p style="text-align: center;"> <input type="radio"/> Yes    <input type="radio"/> No         </p> <hr/> <p><b>b. Attending college?</b></p> <p style="text-align: center;"> <input type="radio"/> Yes    <input type="radio"/> No         </p> <hr/> <p><b>c. Working at a job or business?</b></p> <p style="text-align: center;"> <input type="radio"/> Yes, full time    <input type="radio"/> No  <input type="radio"/> Yes, part time         </p> <hr/> <p><b>18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States?</b>  <i>If service was in National Guard or Reserves only, see instruction guide.</i></p> <p style="text-align: center;"> <input type="radio"/> Yes    <input type="radio"/> No — Skip to 19         </p> <hr/> <p><b>b. Was active-duty military service during —</b>  <i>Fill a circle for each period in which this person served.</i></p> <p style="text-align: center;"> <input type="radio"/> May 1975 or later  <input type="radio"/> Vietnam era (August 1964–April 1975)  <input type="radio"/> February 1955–July 1964  <input type="radio"/> Korean conflict (June 1950–January 1955)  <input type="radio"/> World War II (September 1940–July 1947)  <input type="radio"/> World War I (April 1917–November 1918)  <input type="radio"/> Any other time         </p> <hr/> <p><b>19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .</b></p> <p style="text-align: center;"> <b>a. Limits the kind or amount of work this person can do at a job? . . .</b>    Yes    No  <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/> </p> <hr/> <p><b>b. Prevents this person from working at a job?</b>    <input type="radio"/>    <input type="radio"/></p> <hr/> <p><b>c. Limits or prevents this person from using public transportation? . . .</b>    <input type="radio"/>    <input type="radio"/></p> <hr/> <p><b>20. If this person is a female —</b></p> <p style="text-align: center;">None 1 2 3 4 5 6</p> <p><b>How many babies has she ever had, not counting stillbirths?</b>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/></p> <p><b>Do not count her stepchildren or children she has adopted.</b>    7 8 9 10 11 12 or more  <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/> </p> <hr/> <p><b>21. If this person has ever been married —</b>  <b>a. Has this person been married more than once?</b></p> <p style="text-align: center;"> <input type="radio"/> Once    <input type="radio"/> More than once         </p> <hr/> <p><b>b. Month and year of marriage?      Month and year of first marriage?</b></p> <p style="text-align: center;">         (Month)    (Year)    (Month)    (Year)       </p> <hr/> <p><b>c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?</b></p> <p style="text-align: center;"> <input type="radio"/> Yes    <input type="radio"/> No         </p>	<p><b>22a. Did this person work at any time last week?</b></p> <p style="text-align: center;"> <input type="radio"/> Yes — Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)  <input type="radio"/> No — Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.         </p> <p style="text-align: right;">Skip to 25</p> <hr/> <p><b>b. How many hours did this person work last week (at all jobs)?</b>  <i>Subtract any time off; add overtime or extra hours worked.</i></p> <p style="text-align: right;">Hours    <input type="text"/></p> <hr/> <p><b>23. At what location did this person work last week?</b>  <i>If this person worked at more than one location, print where he or she worked most last week.</i>  <i>If one location cannot be specified, see instruction guide.</i></p> <p><b>a. Address (Number and street)</b> _____</p> <p style="text-align: center;">If street address is not known, enter the building name, shopping center, or other physical location description.</p> <p><b>b. Name of city, town, village, borough, etc.</b> _____</p> <hr/> <p><b>c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?</b></p> <p style="text-align: center;"> <input type="radio"/> Yes    <input type="radio"/> No, in unincorporated area         </p> <hr/> <p><b>d. County</b> _____</p> <hr/> <p><b>e. State</b> _____    <b>f. ZIP Code</b> _____</p> <hr/> <p><b>24a. Last week, how long did it usually take this person to get from home to work (one way)?</b></p> <p style="text-align: right;">Minutes    <input type="text"/></p> <hr/> <p><b>b. How did this person usually get to work last week?</b>  <i>If this person used more than one method, give the one usually used for most of the distance.</i></p> <p style="text-align: center;"> <input type="radio"/> Car    <input type="radio"/> Taxicab  <input type="radio"/> Truck    <input type="radio"/> Motorcycle  <input type="radio"/> Van    <input type="radio"/> Bicycle  <input type="radio"/> Bus or streetcar    <input type="radio"/> Walked only  <input type="radio"/> Railroad    <input type="radio"/> Worked at home  <input type="radio"/> Subway or elevated    <input type="radio"/> Other — Specify _____         </p> <p style="text-align: right;">If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</p>
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Per. No.	11.	13b.	14.	15b.	23.	24a.					
I	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
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7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					



PERSON 1 ON PAGE 2

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<p>c. When going to work <u>last week</u>, did this person usually —</p> <p><input type="radio"/> Drive alone — <i>Skip to 28</i>      <input type="radio"/> Drive others only</p> <p><input type="radio"/> Share driving      <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u>?</p> <p><input type="radio"/> 2      <input type="radio"/> 4      <input type="radio"/> 6</p> <p><input type="radio"/> 3      <input type="radio"/> 5      <input type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p> <p>25. Was this person <u>temporarily absent</u> or on layoff from a job or business <u>last week</u>?</p> <p><input type="radio"/> Yes, on layoff</p> <p><input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.</p> <p><input type="radio"/> No</p>	<p>CENSUS USE</p> <p>21b.</p> <p>I</p> <p>II</p> <p>III</p> <p>IV</p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes      <input type="radio"/> No — <i>Skip to 31d</i></p> <p>b. How many weeks did this person work in 1979?</p> <p><i>Count paid vacation, paid sick leave, and military service.</i></p> <p>Weeks</p> <p>c. During the weeks worked in 1979, how many hours did this person usually work each week?</p> <p>Hours</p>	<p>CENSUS USE ONLY</p> <p>31b.</p> <p>31c.</p> <p>31d.</p>
<p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input type="radio"/> Yes      <input type="radio"/> No — <i>Skip to 27</i></p> <p>b. Could this person have taken a job <u>last week</u>?</p> <p><input type="radio"/> No, already has a job</p> <p><input type="radio"/> No, temporarily ill</p> <p><input type="radio"/> No, other reasons (<i>in school, etc.</i>)</p> <p><input type="radio"/> Yes, could have taken a job</p>	<p>22b.</p>	<p>d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>Weeks</p> <p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts.</i></p> <p><i>If net income was a loss, write "Loss" above the dollar amount.</i></p> <p><i>If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i></p> <p>During 1979 did this person receive any income from the following sources?</p> <p>If "Yes" to any of the sources below — How much did this person receive for the entire year?</p>	<p>32a.</p> <p>32b.</p>
<p>27. When did this person last work, even for a few days?</p> <p>1980      1978      1970 to 1974</p> <p>1979      1975 to 1977      1969 or earlier</p> <p><i>Skip 31d</i></p> <p>Never worked</p>	<p>28</p> <p>A B C</p>	<p>a. Wages, salary, commissions, bonuses, or tips from all jobs . . . Report amount before deductions for taxes, bonds, dues, or other items.</p> <p>Yes → \$ 00</p> <p>No (Annual amount — Dollars)</p>	<p>32c.</p> <p>32d.</p>
<p>28—30. Current or most recent job activity</p> <p><i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours.</i></p> <p><i>If this person had no job or business last week, give information for last job or business since 1975.</i></p> <p>28. Industry</p> <p>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31</p> <p>(Name of company, business, organization, or other employer)</p> <p>b. What kind of business or industry was this?</p> <p><i>Describe the activity at location where employed.</i></p> <p>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</p> <p>c. Is this mainly — (Fill one circle)</p> <p>Manufacturing      Retail trade</p> <p>Wholesale trade      Other — (<i>agriculture, construction, service, government, etc.</i>)</p>	<p>D E F</p> <p>G H J</p> <p>K L M</p> <p>AF</p> <p>NW</p>	<p>b. Own nonfarm business, partnership, or professional practice . . . Report <u>net</u> income after business expenses.</p> <p>Yes → \$ 00</p> <p>No (Annual amount — Dollars)</p> <p>c. Own farm . . . Report <u>net</u> income after operating expenses. Include earnings as a tenant farmer or sharecropper.</p> <p>Yes → \$ 00</p> <p>No (Annual amount — Dollars)</p> <p>d. Interest, dividends, royalties, or net rental income . . . Report even small amounts credited to an account.</p> <p>Yes → \$ 00</p> <p>No (Annual amount — Dollars)</p>	<p>32e.</p> <p>32f.</p>
<p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</p> <p>b. What were this person's most important activities or duties?</p> <p>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</p>	<p>29.</p> <p>N P Q</p> <p>R S T</p> <p>U V W</p> <p>X Y Z</p>	<p>e. Social Security or Railroad Retirement . . .</p> <p>Yes → \$ 00</p> <p>No (Annual amount — Dollars)</p> <p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .</p> <p>Yes → \$ 00</p> <p>No (Annual amount — Dollars)</p>	<p>32g.</p> <p>33.</p>
<p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions</p> <p>Federal government employee</p> <p>State government employee</p> <p>Local government employee (<i>city, county, etc.</i>)</p> <p>Self-employed in own business, professional practice, or farm —</p> <p>Own business not incorporated</p> <p>Own business incorporated</p> <p>Working without pay in family business or farm</p>	<p>30.</p> <p>31.</p> <p>32.</p> <p>33.</p>	<p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly</p> <p><i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i></p> <p>Yes → \$ 00</p> <p>No (Annual amount — Dollars)</p> <p>33. What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$ 00</p> <p><i>If total amount was a loss, write "Loss" above amount.</i></p> <p>OR None</p>	<p>33.</p>

→ Please turn to the next page and answer the questions for Person 2 on page 2



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### GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing, 1980 Census of Population, and 1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

### PUBLICATIONS

#### Population and Housing Census Reports

**PHC80-1, Block Statistics**—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

**PHC80-2, Census Tracts**—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

**PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas**—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

**PHC80-4, Congressional Districts of the 98th Congress**—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

**PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics**—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

**PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics**—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

### Population Census Reports

**PC80-1, Volume 1, Characteristics of the Population**—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

**PC80-1-A, Chapter A, Number of Inhabitants**—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

**PC80-1-B, Chapter B, General Population Characteristics**—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-C, Chapter C, General Social and Economic Characteristics**—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-D, Chapter D, Detailed Population Characteristics**—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

**PC80-2, Volume 2, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

**PC80-S1, Supplementary Reports**—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

### Housing Census Reports

**HC80-1, Volume 1, Characteristics of Housing Units**—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

**HC80-1-A, Chapter A, General Housing Characteristics**—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

**HC80-1-B, Chapter B, Detailed Housing Characteristics**—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

**HC80-2, Volume 2, Metropolitan Housing Characteristics**—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

**HC80-3, Volume 3, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

**HC80-4, Volume 4, Components of Inventory Change**—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

### HC80-5, Volume 5, Residential Finance—

This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

### HC80-S1-1, Supplementary Reports—

These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

## Evaluation and Reference Reports

**PHC80-E, Evaluation and Research Reports—**These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

**PHC80-R, Reference Reports—**These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

**PHC80-R1, Users' Guide—**This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

**PHC80-R2, History—**This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

**PHC80-R3, Alphabetical Index of Industries and Occupations—**This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

**PHC80-R4, Classified Index of Industries and Occupations—**This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

**PHC80-R5, Geographic Identification Code Scheme—**This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

## COMPUTER TAPES

### Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

**STF 1—**This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

**STF 2—**This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

**STF 3—**This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

**STF 4**—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

**STF 5**—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

**Other Computer Tape Files**

**P.L. 94-171, Population Counts**—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

**Master Area Reference Files 1 and 2 (MARF)**

**MARF 1**—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

**MARF 2**—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

**Geographic Base File/Dual Independent Map Encoding (GBF/DIME)**—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

**Public-Use Microdata Samples**—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

**Census/EEO Special File**—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

**MAPS**

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

**MICROFICHE**

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

**STF 1 Microfiche**—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

**STF 3 Microfiche**—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

**P.L. 94-171 Counts Microfiche**—The data from the P.L. 94-171 computer file are presented in a listing format.

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# 1980 Census of Population and Housing

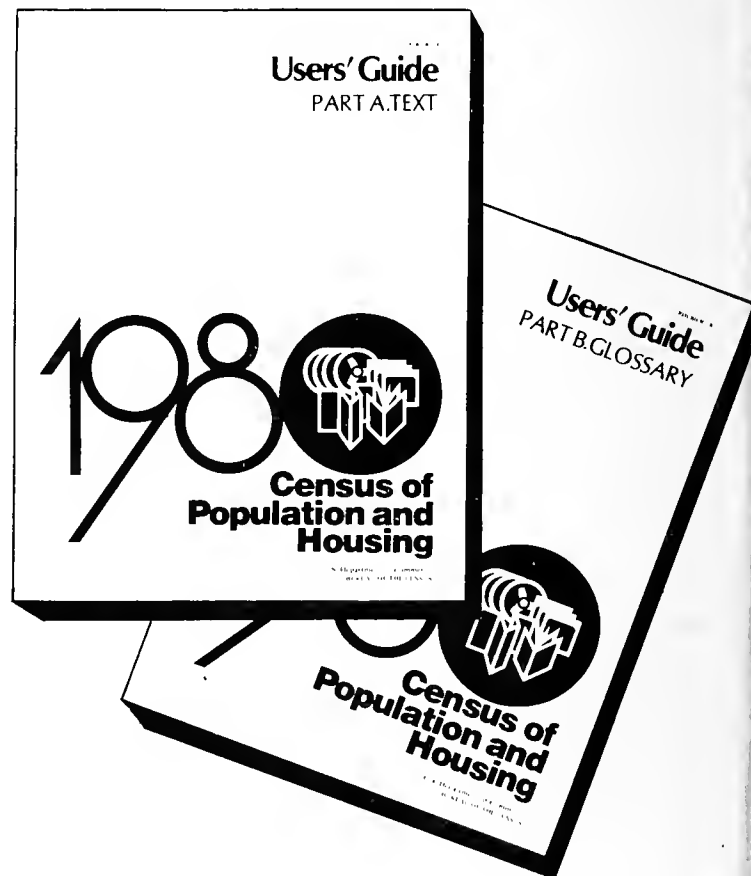
## Users' Guide

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The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



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